



Pan-European Training, Research & Education
Network on Electromagnetic Risk Management

**Pan-European Training, research and education
network on Electromagnetic Risk management
(PETER)**

D5.1 (D21) – PETER Kick-Off Meeting/PETER Training School I

BARCO NV, Kortrijk (BE), February 4-5, 2020

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Summary

Action items:

- * **Stephane Stroobant/Lukas Lanneau:** finalize the **Amendment** with the EC REA regarding the switch for ESR13 from NEDAP to UTwente.
- * **Alastair Ruddle (Horiba-Mira):** justify with reasoning and mitigation plan with respect to the PhD enrolment for ESR13 at DMU instead of UoY and send this to the **PM**.
- * **Stephane Stroobant:** report the changes regarding **Deliverable 7.4** to the EC.
- * **Stephane Stroobant:** report all the changes regarding **the PETER Supervisory Committees** to the EC, with respective CVs and reasoning/motivation for these changes.
- * **All:** Use all PETER Project Visual Identity tools and EU Funding Acknowledgement regarding MSCA ETN PETER Project related activities.
- * **All ESRs:** Proactively engage in PETER social media activities.
- * **All:** confirm those responsible (supervisor + ESR(s)) for each SAS Workshop, Tutorial and Special Session, and review the timings.
- * **All:** report the postponed due dates of Deliverables and Milestones to the PM with reasoning/motivation and mitigation plan for the delayed delivery dates of the Deliverables and Milestones.
- * **Stephane Stroobant:** report the postponed due dates of Deliverables and Milestones to the EC.
- * **ALL:** check if ESR's nationalities cause issues for the foreseen secondments, if specific procedures need to be followed, align the secondment timings with the institutions hosting secondments and confirm to the PM.



1. Agenda

The PETER Kick-Off Event was held on February 4-5, 2020 at BARCO NV in Kortrijk, Belgium. On February 4th, the Kick-Off Meeting was attended by the ESRs, the supervisors and their colleagues, the representatives of the partner organisations and the MST¹ (List of participants can be found on the next page). The day started with a detailed introduction regarding the practical arrangements on the management of the PETER Project followed by the Early Stage Researchers' (ESRs') pitch presentations on their background, project and host institute. In the afternoon, the ESRs followed a soft-skill training on "Open Access and Open Science" while the Supervisors followed a dedicated supervisor training on "The Supervisor: role & responsibilities". A guest lecture on how the discipline of EMI Resilience evolved over the last two decades - given by Keith Armstrong - was the perfect transition for a tasty project dinner on the BARCO NV premises to end this first day of the PETER Kick-Off meeting.

Wednesday February 5th started with four parallel sessions regarding the four scientific work packages where technical aspects and practicalities were discussed and clarified. These WP parallel sessions were followed by a "Secondments Café" where the ESRs could meet the representatives of the institutions hosting secondments. The main aim of the Secondments Café was to discuss the specific arrangements regarding the first upcoming secondments. After the lunch break, all interested participants were able to take part in the BARCO Experience-, Factory- and Lab Tour where insights in the BARCO products and culture were shown.

The detailed agenda of these two days can be found in **Annex 1**.

¹ MST: Management Support Team



List of participants (signed version in **Annex 2**):

[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 4-5 2020		
First Name	Last Name	Affiliation
Keith	Armstrong	Cherry Clough Consultants Ltd
Jeroen	Boydens	KU Leuven
Zhao	Chen	Barco - ESR12
Tim	Claeys	KU Leuven
Mumpy	Das	UTwente - ESR4
John	Dawson	University of York
Ronny	Deseine	Barco
Lokesh	Devaraj	Horiba-Mira - ESR3
Priscila	Fernandez-Lopez	Valeo
Sven	Fisahn	LUH
Heyno	Garbe	LUH
Samikshya	Ghosalkar	LUH - ESR1
Hasan	Habib	KU Leuven - ESR5
Peter	Huntley-Hawkins	Lloyd's Register EMEA IPS
Qazi Mashaal	Khan	ESEO - ESR7
Frank	Leferink	UTwente
Oskari	Leppäaho	Valeo - ESR8
Pejman	Memar	KU Leuven - ESR6
Arash	Nateghi	BDV - ESR2
Mark	Nicholson	University of York
Nancy	Omollo	RH Marine - ESR10
Richard	Perdriau	ESEO
Davy	Pissoort	KU Leuven
Hugo	Pues	Melexis
Mohammed	Ramdani	ESEO
Akram	Ramezani	Melexis - ESR14
Martin	Schaarschmidt	BDV
Stephane	Stroobant	KU Leuven
Michael	Suhrke	Fraunhofer INT
Martin	Trefzer	University of York
Barbel	van den Berg	Medisch Spectrum Twente
Jan-Kees	van der Ven	RH Marine
Jens	Vankeirsbilck	KU Leuven
Dries	Vanoost	KU Leuven
Arunkumar	Venkateshaiah	University of York - ESR9



2. Welcome and practical arrangements PETER-project

The PETER Project Coordinator welcomed all the participants to the PETER Kick-Off Event, followed by a quick Round Table 'Who is who?' of all the participants. After an overview of the two days agenda for the PETER Kick-Off Event, the Project Coordinator presented an overall view of the project, such as the Project Governance, the Project Consortium, and the roles of the partner organisations with focus to the following aspects and specific actions to be followed. The PPT presentations of these Agenda Items can be found in **Annex 3**.

2.1. Consortium:

The PETER Consortium consists of 12 beneficiaries in 5 countries and is completed with 7 partner organisations.

The final version of the PETER Consortium Agreement (CA) has been signed by most parties.

- De Montfort University (DMU) and Thales did not enter the CA so extra bilateral secondment agreements need to be made and signed for any secondments involving DMU or Thales.

The signed version of the PETER CA has been sent out by Lukas Lanneau on September 11, 2019.

So far, the following changes to the PETER Consortium have occurred:

- ESR3 (Horiba-Mira) will be enrolled as a PhD in DMU instead of University of York.
- NEDAP is no longer beneficiary for ESR13 but remains on board as partner organisation.
- ESR13 will move to UTwente.

These changes/deviations need to go through the PO of the PETER Project with reasoning and mitigation plan for these deviations if applicable.

Action item:

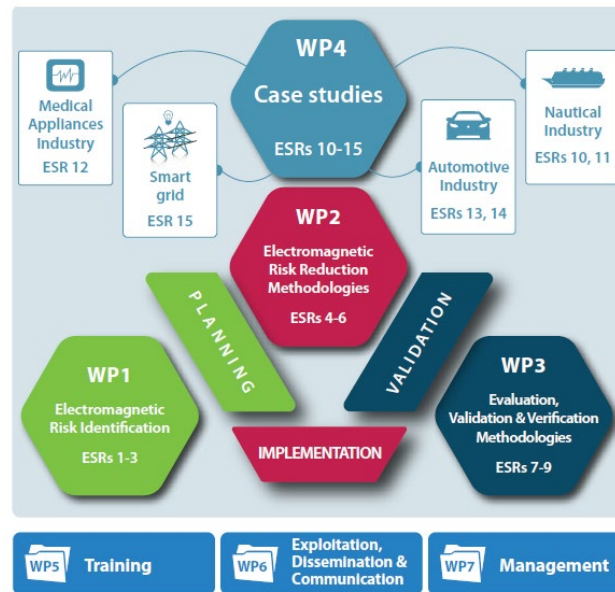
* **Stephane Stroobant/Lukas Lanneau:** finalize the **Amendment** with the EC REA regarding the switch for ESR13 from NEDAP to UTwente.

* **Alastair Ruddle (Horiba-Mira):** justify with reasoning and mitigation plan with respect to the PhD enrolment for ESR13 at DMU instead of UoY and send this to the **PM**.



2.2. Project Flow with key goals and features (Figure 3 in the PETER Proposal):

- S/T programme, PhD to be written
- Training programme, including development of soft skills
- Network-wide events
- Active dissemination and outreach



2.3. Work packages:

An overview of the 7 Project Work Packages, both scientific and non-scientific, was given. The WP Leader for each WP was confirmed once more at the meeting. Since the start of the PETER Project, WP4 leader has been changed to Frank Leferink. By consequence, WP2 leader is Jeroen Boydens. The WP Leader is responsible for presenting the overview of the results at the network-wide meetings. An overview of each WP and its WP Leader is given below:

WP	WP Title	WP Leader
1	Electromagnetic Risk Identification	Heyno Garbe (LUH))
2	Electromagnetic Risk Reduction Methodologies	Jeroen Boydens (KU Leuven)
3	Evaluation, Validation and Verification Methodologies	P. Fernandez-Lopez (Valeo)
4	Application Case Studies	Frank Leferink (UTwente)
5	Training	John Dawson (UoY)
6	Exploitation, Dissemination and Communication	Alastair Ruddle (HORIBA-Mira)
7	Management	Stephane Stroobant (KU Leuven)



2.4. Project management (team): key roles and persons in charge

An overview of the Project Management Team and the persons in charge is given below:

Management Support Team	
Coordinator	Davy Pissoort (KU Leuven)
Vice-Coordinator	Jeroen Boydens (KU Leuven)
Project Manager	Stephane Stroobant (KU Leuven)
Scientific/Technical Coordinator	Tim Claeys (KU Leuven)
Training Coordinator	John Dawson (University of York)
Exploitation & Dissemination Coordinator	Alastair Ruddle (HORIBA-Mira)
KU Leuven R&D Technical Transfer Office	Lukas Lanneau (KU Leuven)
Independent Ombudsperson	Tine Dhaese (KU Leuven)
Independent External Advisor	Paul McGuinness (Science Writer)

During this Kick-Off Event an ESR representative, **Qazi Mashaal Khan** from ESEO, was appointed after elections from the ESR Researcher Council as a member of the Project Supervisory Board.

2.5. Supervisory Board and formal approval of the Supervisory Committees

See also PETER Project Deliverable 7.4

CHANGES to Deliverable 7.4:

- **Frederic Lafon (Valeo) is replaced by Priscila Fernandez-Lopez (Valeo) as the representative for Valeo in the Supervisory Board.**
- **Richard Bridgeman (LR) is replaced by Peter Huntley-Hawkins (LR) as the representative for Lloyd's Register EMEA (LR) in the Supervisory Board.**
- **Qazi Mashaal Khan is the ESR representative from the ESRs Researchers Council**

Action item:

* **Stephane Stroobant:** report the changes regarding **Deliverable 7.4** to the EC.

The composition of the 15 Supervisory Committees was reviewed with special attention to the Supervisory Committee for ESR 6 which is not completed at this moment.

An overview of all 15 Supervisory Committees is given on the following page.

Remark: ESRs 11, 13, and 15 have not yet started.



ESR	Candidate	Host	Supervisor	Co-supervisors/mentors
ESR1	Samikshya Ghosalkar (f)	LUH	<u>H. Garbe</u>	M. Suhrke (FHG), JK van der Ven (RHM)
ESR2	Arash Nateghi (m)	WIS	<u>M. Schaarschmidt</u>	H. Garbe (LUH), R. Deseine (Barco)
ESR3	Lokesh Devaraj (m)	Horiba-Mira	<u>A. Ruddle</u>	A. Duffy (DMU), M. Stojanovic (Valeo)
ESR4	Mumpy Das (f)	UTwente	<u>F. Leferink</u>	B. van den Berg (MST), D. Pissoort (KU Leuven)
ESR5	Hasan Habib (m)	KU Leuven	<u>D. Pissoort</u>	G. Vandenbosch (KU Leuven), R. Deseine (Barco)
ESR6	Pejman Memar (m)	KU Leuven	<u>J. Boydens</u>	T. Holvoet (KU Leuven), B. van den Berg (MST)
ESR7	Qazi Mashaal Khan (m)	ESEO	<u>R. Perdriau</u>	M. Ramdani (ESEO), H. Pues (Melexis)
ESR8	Oskari Leppäaho (m)	Valeo	<u>P. Fernandez-Lopez</u>	M. Ramdani (ESEO), D. Pissoort (KU Leuven)

ESR	Candidate	Host	Supervisors	Assessors/Mentors
ESR9	Arunkumar Hunasannahalli Venkateshaiah (m)	UoY	<u>J. Dawson</u>	M. Trefzer (UoY), H. Pues (Melexis)
ESR10	Nancy Omollo (f)	RH Marine	<u>JK van der Ven</u>	F. Leferink (Utwente), P. Huntley-Hawkins (LR)
ESR11	<i>Mohammad Tishehzan</i>	UoY	<u>M. Nicholson</u>	P. Huntley-Hawkins (LR), F. Leferink (Utwente)
ESR12	Zhao Chen (m)	Barco	<u>R. Deseine</u>	D Pissoort (KU Leuven), F. Sabath (WIS)
ESR13	<i>Vasso Gkatsi</i>	UTwente	<u>F. Leferink</u>	J. van der Willik (Nedap), P. Fernandez-Lopez (Valeo)
ESR14	Akram Ramezani (f)	Melexis	<u>H. Pues</u>	W. Dehaene (KU Leuven), R. Perdriau (ESEO)
ESR15	<i>Fernando Arduini</i>	Fraunhofer	<u>M. Suhrke</u>	H. Garbe (LUH), F. Leferink (Utwente)

All **changes** regarding the supervisory committees with respect to the **PETER GA Annex I Description of the Action** need to be reported to the European Commission with reasoning + CV's of the new (co-)supervisors/assessors/mentors if applicable. More information through the PM.

Action item:

*** Stéphane Stroobant:** report all the changes regarding the **PETER Supervisory Committees** to the EC, with respective CVs and reasoning/motivation for these changes.



2.6. Researcher Declarations submission and PCDP status

Researcher Declarations for all 12 ESRs already started have been submitted. An overview of the submitted Researchers Declarations is given below:

Researcher Declaration

No	Fellow	First Name	Last Name	Status	Recruitment Organisation	Start Date	End Date	Working Time Commitment	Duration
1	1	Hasan	Habib	SUBMITTED	Katholieke Universiteit Leuven	01-09-2019	27-10-2019	Full Time	36
2	2	Nancy	Omollo	SUBMITTED	Rh Marine Netherlands Bv	28-10-2019	31-10-2019	Suspension	
3	3	Mumpy	Das	SUBMITTED	Universiteit Twente	01-11-2019	03-09-2022	Full Time	36
4	4	Arunkumar	Hunasanahalli Venkateshaiah	SUBMITTED	University Of York	01-10-2019	30-09-2022	Full Time	36
5	5	Pejman	Memar	SUBMITTED	Katholieke Universiteit Leuven	01-10-2019	30-09-2022	Full Time	36
6	6	Arash	Nateghi	SUBMITTED	Bundesministerium Der Verteidigung	01-11-2019	30-09-2022	Full Time	35
7	7	Lokesh	Devaraj	SUBMITTED	Horiba Mira Limited	11-11-2019	10-11-2022	Full Time	36
8	8	Samikshya	Ghosalkar	SUBMITTED	Gottfried Wilhelm Leibniz Universitaet Hannover	15-11-2019	14-11-2022	Full Time	36
9	9	Qazi Mashaal	KHAN	SUBMITTED	L'ecole Supérieure De L'electronique De L'ouest	12-11-2019	11-11-2022	Full Time	36
10	10	Akram	Ramezani	SUBMITTED	Melexis Technologies	01-11-2019	31-10-2022	Full Time	36
11	11	Zhao	Chen	SUBMITTED	Barco Nv	01-01-2020	31-12-2022	Full Time	36
12	12	Oskari	Leppäaho	SUBMITTED	Valeo Comfort And Driving Assistance	06-01-2020	05-01-2023	Full Time	36

In order not to lose budget, every ESR should have started **before April 1st, 2020!**

All PCDPs need to be submitted by the Project Manager to the EC as this is foreseen in Deliverable 5.2.

2.7. Project communication, dissemination and outreach

PETER Project Visual Identity

To achieve the best dissemination and communication results, the following visual identification and tools need to be used: PETER Project Logo, PETER Project Templates (for PPT, scientific conference presentations, newsletters, project reporting and deliverables). Furthermore, the **EU Funding Acknowledgement is mandatory regarding all MSCA ETN PETER Project related activities.** Examples of these tools are given below.



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Pan-European Training, research and education network on ElectroMagnetic Risk management.



Pan-European Training, research and education network on ElectroMagnetic Risk management.



EU H2020 MSCA-ETN PETER KICK-OFF MEETING – PART 1

This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No. 812.790

MSCA-ETN PETER Kick-Off Meeting
February 4-5 2020, BARCO KORTRIJK - BELGIUM



This project has received funding from the European Union's
EU Framework Programme for Research and Innovation
Horizon 2020 under Grant Agreement No. 812.790

Action item:

* **All:** Use all PETER Project Visual Identity tools and EU Funding Acknowledgement regarding MSCA ETN PETER Project related activities.

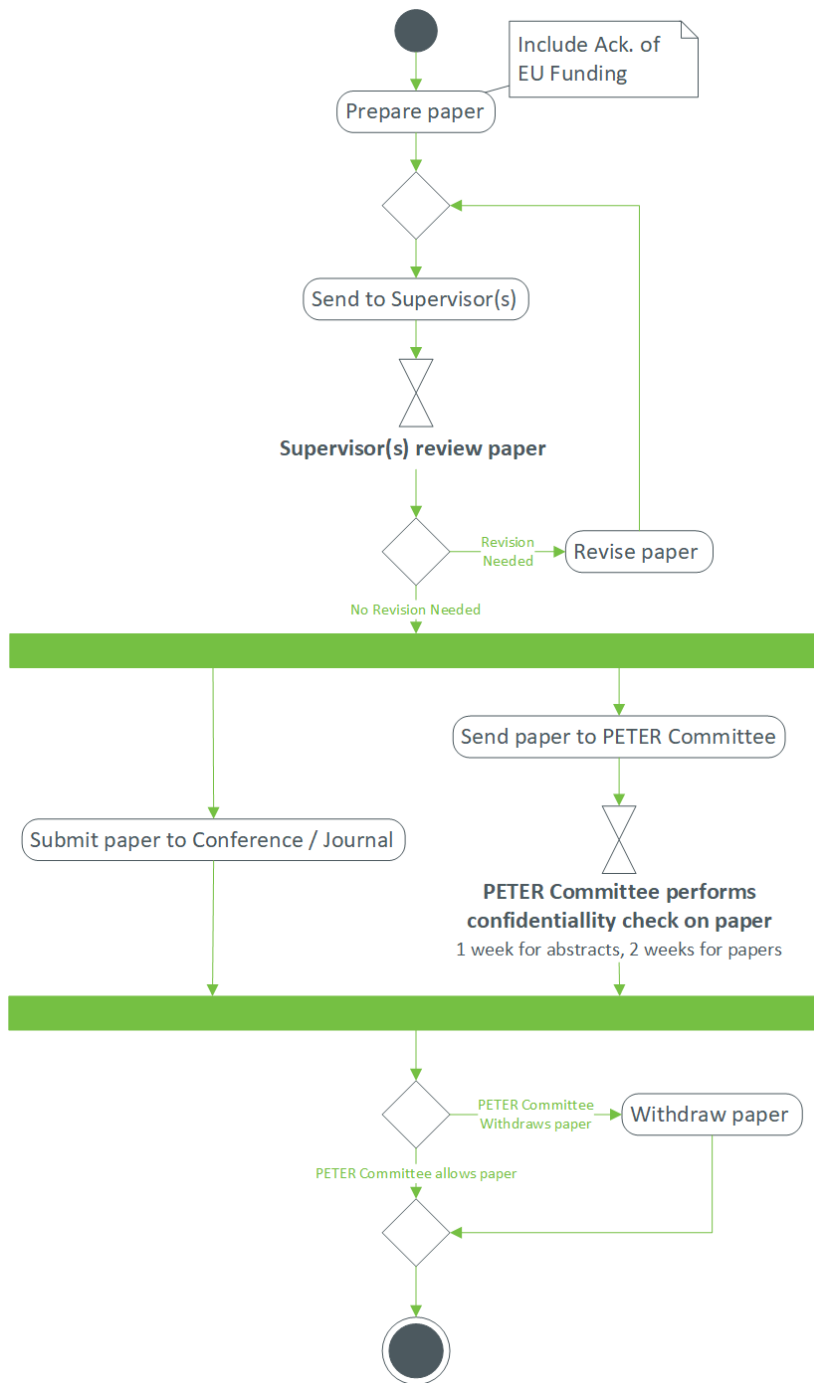


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Post, Paper Pre-submission Procedure, Post Paper Publishing Procedure (OPEN ACCESS) and PETER Papers Archiving System

Special attention was given again to the flowchart of the Paper Pre-submission Procedure. The flowchart of this procedure is given below:



A PETER Papers Archiving System has been set up that is automatically linked with the PETER Project Website. Through this Archiving System, the ESRs are able to upload their peer reviewed papers (both conference and journal papers if applicable) which also allows to update the specific paper through the H2020 Participant Portal.

PETER Website

The new PETER-Website is online since September 1st, 2019 (a temporary website was available between June 27th, 2018 and September 1st, 2019).



The screenshot shows the PETER website homepage. At the top is the PETER logo and the tagline: "Pan-European Training, research and education network on ElectroMagnetic Risk management". Below this is a navigation menu with links: HOME, PROJECT, WORK PACKAGES, TEAM, CONSORTIUM, EVENTS, NEWS, COMMUNICATIONS, and CONTACT. The main content area features a large red banner for the "BARCO" project with the text "PETER Kick-Off Event February 4-5, 2020 @ Barco NV, Kortrijk" and a sub-headline "On February 4-5, the PETER Kick-Off Event will take place at Barco NV in Kortrijk. ...". To the right of the banner is the European Union flag and a text box stating: "This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No 812790". Below the banner and flag is a "RECENT POSTS" section with three entries: "Starting my PhD: Hasan Habib (ESRS)" (7 days ago), "PETER Kick-Off Event February 4-5, 2020 @ Barco NV, Kortrijk" (12 days ago), and "Introduction to System Safety Engineering and Management 2020" (November 20, 2019). At the bottom left of the screenshot is a text box with a description of the PETER project: "PETER - Pan-European Training, research and education network on ElectroMagnetic Risk management. Currently, the problem of EMI is tackled using a 'rulebased' approach. What this means is that during the design phase for a piece of electronic equipment a number of guidelines/standards are prescribed, resulting in the default application of a set of mitigation techniques (filtering, shielding, cable routing, etc.). But as the examples above illustrate, such an approach has some serious flaws when it comes to modern high-tech systems and high-criticality applications like medical systems and remote vehicles. This is because tackling the problem by applying rules leads to too many failure scenarios being overlooked and giving us a very false sense of security when it comes to how reliable and safe a new".

PETER Blogs, Social Media and Internal Communication (PODIO)

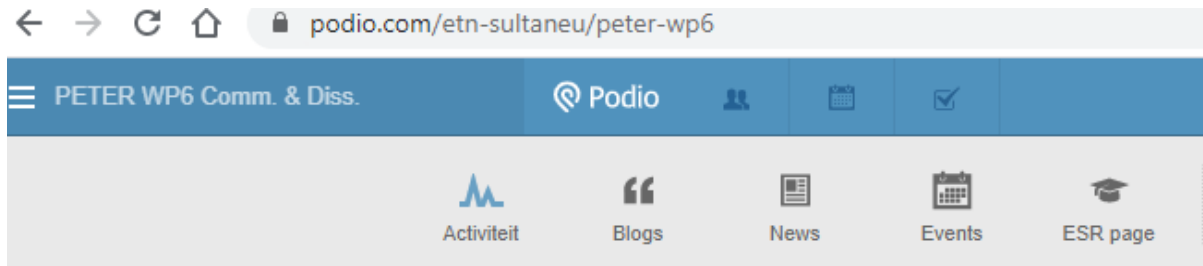
Key goals of project communication and social media strategy were highlighted with special attention to the fact that leadership, self-organisation and creative ideas from all ESRs is needed for a successful project outreach. A special task-force has been set up during the ESRs Researchers Council where some ESRs have been appointed as responsible for the above mentioned social media.



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Furthermore, a password-protected Intranet, **PODIO**, has been set up as an internal communication tool between the PETER Management Support Team and all ESRs. This developed Intranet is also a storage space for ESRs' PCDPs, RTDEs, Progress Reports, Deliverables, minutes of WP meetings, NWE reports,...



A special explanation and training/workshop regarding the **PETER Papers Archiving System** and **PODIO** will be given to the ESRs at the Network-Wide Event in Euskirchen (May 26-29, 2020).

Action item:

* **All ESRs:** Proactive engage in PETER social media activities.

PETER Video

A PETER Promo Video will be developed and published during the second year of the PETER Project. This video will explain the project goals and present the team and the collaborating partners. More specifically, this video will be made in collaboration with Storyrunner. They are very acquainted with developing Marie Curie/Best Practice Award Winning Videos in collaboration with KU Leuven.

2.8. Project deliverables and milestones (submitted and upcoming)

An overview of the first Project Deliverables and Milestones from the H2020 Participant Portal was given to indicate this workflow and to point out that each beneficiary needs to take responsibility for the Deliverable and Milestone they are the lead for.

Special attention and close follow-up regarding Deliverables and Milestones will be given during future Supervisory Board meetings.

Furthermore, project Deliverables and Milestones were discussed during the parallel WP discussions on Day 2 (February 5) of this Kick-Off Meeting with respect to the feasibility of the scientific and technical deliverables & milestones due to specific ESR recruitment delays and later than foreseen starting dates of ESRs.



3. Individual ESRs presentations

During this part of the Kick-Off Meeting, the ESRs presented themselves, their background, their specific ESR position and role within the project and their host institute. All presentations were of high quality while bright ideas regarding their outreach contribution were highly appreciated. The PPT Template regarding the individual ESRs presentations can be found in **Annex 4**.

4. ESR training, Supervisor Training and Guest Lecture

The afternoon of the 1st day of this Kick-Off Meeting started with a soft-skill training on “Open Access and Open Science” for the ESRs while the Supervisors followed a dedicated training on “The Supervisor: role & responsibilities”. These trainings were followed by a guest lecture on how the discipline of EMI Resilience evolved over the last two decades, given by Keith Armstrong.

5. WP parallel sessions

Wednesday February 5, started with a session for WP parallel discussions for WP1-4 where each appointed WP leader interacted with the ESRs, the Supervisors and the representatives of the Partner Organisations regarding the specific WP and its scientific aspects. The focus in each WP session consisted on the specific tasks, scientific deliverables, milestones and data management plan of each WP.

This session was followed by an interactive Q&A session between WPs to clarify some technical aspects and practicalities.

The PPT presentation + outcome regarding these WP parallel sessions can be found in **Annex 5**.

Action items WP1-4:

- * **All:** report the postponed due dates of Deliverables and Milestones to the PM with reasoning/motivation and mitigation plan for the delayed delivery dates of the Deliverables and Milestones.
- * **Stephane Stroobant:** report the postponed due dates of Deliverables and Milestones to the EC.



6. Secondments café

A special session for secondments has been organised where the ESRs could meet the representatives of the institutions hosting secondments in order to discuss the specific arrangements regarding the upcoming secondments. After a short presentation given by the Project Coordinator regarding the schedule, scope, rules and settings of the secondments as they are key items of ETN's, the ESRs had the chance to interact and discuss in an informal way with their secondment hosts' representatives.

Within the scope of those secondments, the following aspects were highlighted:

- Each secondment period should last at least one month with an advised maximum of 3 months and secondments should be held outside the host institute.
- Each ESR has one secondment in a different country and one in a different sector (e.g. university and industry) while focusing on a different perspective and different facilities during those secondments.
- Each secondment period needs to be reported in the H2020 Participant Portal.
- Modifications (schedule changes, topic, location) can only be performed after PREVIOUS APPROVAL and on request and should be communicated with the PM who reports this to the PO.

Due to the late start of some ESRs, recruitment delays and program logic, some schedule changes have been discussed for some of the planned secondments. Those changes will be followed up in the coming months by the respective Supervisors, ESRs and secondment hosts representatives and furthermore communicated with the PM who reports this to the PO.

Action item:

* **ALL:** check if ESR's nationalities cause issues for the foreseen secondments, if specific procedures need to be followed, align the secondment timings with the institutions hosting secondments and confirm to the PM.

7. Experience-, Factory-, and lab tour @BARCO

After the lunch break, all interested participants were able to take part in the BARCO Experience-, Factory- and Lab Tour where some amazing and admirable insights in the BARCO products and culture were shown.



8. Photos MSCA ETN PETER Kick-Off Meeting BARCO

Photos PETER Kick-Off Meeting Day 1 (February 4, 2020)



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<https://etn-peter.eu/>

Photos PETER Kick-Off Meeting Day 2 (February 5, 2020)



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<https://etn-peter.eu/>

9. PETER Kick-off Event BARCO Survey Results

After the PETER Kick-Off Event, a short online survey has been sent to all the participants to obtain valuable feedback in order to further improve the quality of future network wide events. A part of this survey can be found in **Annex 6**.

Survey results (24 respondents (out of 35); 1 to 5 scale with 1 = Poor and 5 = Excellent)

Subject	Item	Average
Content	Supervisory Board Presentation	4.67
	ESR Pitch Presentation	4.13
	WP Parallel meeting	4.25
	Secondments Café	3.96
Trainings	ESR Training: "Ethics, Integrity, Open Access and Open Science"	4.67
	Supervisor Training: "The Supervisor: Role & Responsibilities"	4.18
Social Program	Guest lecture by Keith Armstrong	4.25
	Experience-, Factory- and Lab Tour @ BARCO	4.86
Venue and Logistics	Lunches	4.55
	Project Dinner	4.83
General	Overall rating	4.43

Survey comments:

- Training for supervisors focussed on "sharing best practice", which was great. Otherwise, it would have been event number 9 of the same kind in a five-year window.
- Full marks to Ronny Deseine for all his hard work!
- The event at Barco was well organised. The training provided to all of the ESR about the topic "Ethics, integrity, open access and open science was good, informative and it will be beneficial when we need to publish our papers. But I hope with other upcoming PETER sessions we will be provided with the information regarding the soft skills which are required while delivering the presentations in conference, etc.
- The BARCO venue was wonderful!
- I think that more time was necessary for the organisation of the WPs and particularly for the Secondments.
- Especially the time to discuss different matters in one on one talks with others involved, was appreciated.



- I think the secondments coffee didn't go as successfully as it could have gone. It was well planned that it was after the WP parallel sessions as everybody had the WP objectives clear in their mind and could reflect the WP objectives to the meaningfulness of the secondments. However, there were still quite a few important details like the main objectives and the timing vs. the optimal result of the objectives that were left open from the meeting due to lack of time. It might have been good to add the secondments as a topic to the WP session in terms of agreeing on the main target of each secondment (timing, details, etc. still at cafe). As I understand, some of the groups did this by self-organising it, but structured approach to this would be better.
- Good food, coffee and setup for talking and networking.
- Lunch and dinner were more as the "quick bite" that would have been sufficient during the event.

10. Table overview with Annexes

Annex 1	Detailed Agenda PETER Kick-Off Meeting February 4-5, 2020
Annex 2	List of PETER Kick-Off participants – signed versions
Annex 3	PPT Presentation Day 1 Kick-Off Meeting February 4, 2020
Annex 4	PPT Template “ESR Pitch Presentation”
Annex 5	PPT Presentation Day 2 Kick-Off Meeting February 5, 2020
Annex 6	PETER Kick-Off Survey Form

11. Annexes



Annex 1
Detailed Agenda PETER Kick-Off Meeting February 4-5, 2020



Pan-European Training, research and education network on ElectroMagnetic Risk management.

MSCA ETN PETER Kick-off meeting BARCO Kortrijk, February 4-5 2020

DETAILED AGENDA

Registration link: [PETER Kick-off Meeting Registration Form](#)

Hotel reservation form: [Hotel IBIS Styles Kortrijk Expo](#)

Location: [BARCO, Beneluxpark 21, 8500 Kortrijk \(Belgium\)](#)

TUESDAY 04.02.2020 - Day 1: ESRs + Supervisors & their colleagues + representatives of the Partner Organizations + Management Support Team

Time	Breaks in the Coffee and refreshments area	
8:45 – 9:15	Welcome with coffee and refreshments	
9:15 – 10:45	Kick-off meeting part 1 – Practical arrangements PETER-project (Introduction on project S/T, management, training, outreach)	The Theatre
10:45 – 11:15	Coffee break	
11:30 – 13:00	Kick-off meeting part 2 – Pitch presentations by ESRs on their background, project, host institute [template to be provided]	The Theatre
13:00 – 13:45	Lunch Break	
13:45 – 17:15	Soft-skill training for ESRs: “Ethics, integrity, open access and open science” Coffee break from 15:15 – 15:45	MR Osaka (+3)
13:45 – 17:15	Dedicated supervisor training for supervisors: “The supervisor: role & responsibilities” Coffee break from 15:15 – 15:45	Training Room Oxford (+2)
17:30 – 18:30	Guest Lecture by Keith Armstrong	The Theatre
19:15 – 21:00	Project Dinner at BARCO	Central Park

WEDNESDAY 05.02.2020 - Day 2: ESRs + Supervisors & their colleagues + representatives of the Partner Organizations + Management Support Team

Time	Breaks in the Coffee and refreshments area	
9:00 – 10:30	Kick-off meeting part 3 – WP parallel sessions	WP1: MR Miami (+4) WP2: TR Oxford (+2) WP3: MR Bombay (+3) WP4: MR Osaka (+3)
10:30 - 11:00	Conclusions WP Parallel Sessions: Q&A	The Theatre
11:00 – 12:30	Secondments Café (timings, arrangements & practicalities)	The Theatre Coffee and refreshments area
12:30 – 13:00	Conclusions of the meeting	The Theatre
13:00 – 13:45	Lunch Break	
13:45 – 17:00	Experience-, Factory- and Lab tour @Barco	Reception Desk



This project has received funding from the European Union’s EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No. 812.790

Annex 2

List of PETER Kick-Off participants – signed versions

[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 4 2020 - AM

First Name	Last Name	Affiliation	Signature
Keith	Armstrong	Cherry Clough Consultants Ltd	<i>U.S. Armstrong</i>
Jeroen	Boydens	KU Leuven	<i>Jeroen Boydens</i>
Zhao	Chen	Barco - ESR12	<i>Zhao CHEN</i>
Tim	Claeys	KU Leuven	<i>Tim Claeys</i>
Mumpy	Das	UTwente - ESR4	<i>Mumpy Das</i>
John	Dawson	University of York	<i>John Dawson</i>
Ronny	Deseine	Barco	<i>Ronny Deseine</i>
Lokesh	Devaraj	Horiba-Mira - ESR3	<i>Lokesh Devaraj</i>
Priscila	Fernandez-Lopez	Valeo	<i>Priscila Fernandez-Lopez</i>
Sven	Fisahn	LUH	<i>Sven Fisahn</i>
Heyno	Garbe	LUH	<i>Heyno Garbe</i>
Samikshya	Ghosalkar	LUH - ESR1	<i>Samikshya Ghosalkar</i>
Hasan	Habib	KU Leuven - ESR5	<i>Hasan Habib</i>
Peter	Huntley-Hawkins	Lloyd's Register EMEA IPS	<i>Peter Huntley-Hawkins</i>
Qazi Mashaal	Khan	ESEO - ESR7	<i>Qazi Mashaal Khan</i>
Mohsen	Koohestani	ESEO	<i>Mohsen Koohestani</i>
Frank	Leferink	UTwente	<i>Frank Leferink</i>
Oskari	Leppäaho	Valeo - ESR8	<i>Oskari Leppäaho</i>
Pejman	Memar	KU Leuven - ESR6	<i>Pejman Memar</i>
Arash	Nateghi	BDV - ESR2	<i>Arash Nateghi</i>
Mark	Nicholson	University of York	<i>Mark Nicholson</i>
Nancy	Omollo	RH Marine - ESR10	<i>Nancy Omollo</i>
Richard	Perdriau	ESEO	<i>Richard Perdriau</i>
Davy	Pissoort	KU Leuven	<i>Davy Pissort</i>
Hugo	Pues	Melexis	<i>Hugo Pues</i>
Thorsten	Pusch	Fraunhofer INT	<i>Thorsten Pusch</i>
Mohammed	Ramdani	ESEO	<i>Mohammed Ramdani</i>
Akram	Ramezani	Melexis - ESR14	<i>Akram Ramezani</i>
Martin	Schaarschmidt	BDV wis	<i>Martin Schaarschmidt</i>
Stephane	Stroobant	KU Leuven	<i>Stephane Stroobant</i>
Michael	Suhrke	Fraunhofer INT	<i>Michael Suhrke</i>
Martin	Trefzer	University of York	<i>Martin Trefzer</i>
Barbel	van den Berg	Medisch Spectrum Twente	<i>Barbel van den Berg</i>
Jan-Kees	van der Ven	RH Marine	<i>Jan-Kees van der Ven</i>
Jens	Vankeirsbilck	KU Leuven	<i>Jens Vankeirsbilck</i>
Dries	Vanoost	KU Leuven	<i>Dries Vanoost</i>
Arunkumar	Venkateshaiah	University of York - ESR9	<i>Arunkumar Venkateshaiah</i>

[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 4 2020

13:45-17:15 S/T Training: Ethics, integrity, open access and open science






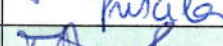




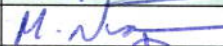








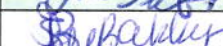
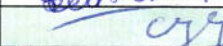




Trainers: Wouter Vandeveldde and Hannelore Vanhaverbeke (both KU Leuven)

First Name	Last Name	Affiliation	Signature
Zhao	Chen	Barco - ESR12	Zhao CHEN
Mumpy	Das	UTwente - ESR4	Mumpy Das
Lokesh	Devaraj	Horiba-Mira - ESR3	Lokesh Devaraj
Samikshya	Ghosalkar	LUH - ESR1	Samikshya Ghosalkar
Hasan	Habib	KU Leuven - ESR5	Hasan Habib
Qazi Mashaal	Khan	ESEO - ESR7	Qazi Mashaal Khan
Oskari	Leppäaho	Valeo - ESR8	Oskari Leppäaho
Pejman	Memar	KU Leuven - ESR6	Pejman Memar
Arash	Nateghi	BDV - ESR2	Arash Nateghi
Nancy	Omollo	RH Marine - ESR10	Nancy Omollo
Akram	Ramezani	Melexis - ESR14	Akram Ramezani
Stephane	Stroobant	KU Leuven	Stephane Stroobant
Arunkumar	Venkateshaiah	University of York - ESR9	Arunkumar Venkateshaiah

[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 4 2020 - PM

13:45-17:15 Supervisor Training: "The Supervisors: role & responsibilities"

Trainer: Wendy Van den bulck (True Colours)

First Name	Last Name	Affiliation	Signature
Keith	Armstrong	Cherry Clough Consultants Ltd	
Jeroen	Boydens	KU Leuven	
Tim	Claeys	KU Leuven	
John	Dawson	University of York	
Ronny	Deseine	Barco	
Priscila	Fernandez-Lopez	Valeo	
Sven	Fisahn	LUH	
Heyno	Garbe	LUH	
Peter	Huntley-Hawkins	Lloyd's Register EMEA IPS	
Mohsen	Koohestani	ESEO	
Frank	Leferink	UTwente	
Mark	Nicholson	University of York	
Richard	Perdriau	ESEO	
Davy	Pissoort	KU Leuven	
Hugo	Pues	Melexis	
Thorsten	Pusch	Fraunhofer INT	
Mohammed	Ramdani	ESEO	
Martin	Schaarschmidt	BDV	
Stephane	Stroobant	KU Leuven	
Michael	Suhrke	Fraunhofer INT	
Martin	Trefzer	University of York	
Barbel	van den Berg	Medisch Spectrum Twente	
Jan-Kees	van der Ven	RH Marine	
Jens	Vankeirsbilck	KU Leuven	
Dries	Vanoost	KU Leuven	

[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 5 2020 - AM

First Name	Last Name	Affiliation	Signature
Keith	Armstrong	Cherry Clough Consultants Ltd	Keith Armstrong
Jeroen	Boydens	KU Leuven	Jeroen Boydens
Zhao	Chen	Barco - ESR12	Zhao CHEN
Tim	Claeys	KU Leuven	Tim Claeys
Mumpy	Das	UTwente - ESR4	Mumpy Das
John	Dawson	University of York	John Dawson
Ronny	Deseine	Barco	Ronny Deseine
Lokesh	Devaraj	Horiba-Mira - ESR3	Lokesh Devaraj
Priscila	Fernandez-Lopez	Valeo	Priscila
Sven	Fisahn	LUH	Sven Fisahn
Heyno	Garbe	LUH	Heyno Garbe
Samikshya	Ghosalkar	LUH - ESR1	Samikshya Ghosalkar
Hasan	Habib	KU Leuven - ESR5	Hasan Habib
Peter	Huntley-Hawkins	Lloyd's Register EMEA IPS	P. A. Huntley-Hawkins
Qazi Mashaal	Khan	ESEO - ESR7	Qazi Mashaal Khan
Mohsen	Koohestani	ESEO	Mohsen Koohestani
Frank	Leferink	UTwente	Frank Leferink
Oskari	Leppäaho	Valeo - ESR8	Oskari Leppäaho
Pejman	Memar	KU Leuven - ESR6	Pejman Memar
Arash	Nateghi	BDV - ESR2	Arash Nateghi
Mark	Nicholson	University of York	Mark Nicholson
Nancy	Omollo	RH Marine - ESR10	Nancy Omollo
Richard	Perdriau	ESEO	Richard Perdriau
Davy	Pissoort	KU Leuven	Davy Pissort
Hugo	Pues	Melexis	Hugo Pues
Thorsten	Pusch	Fraunhofer INT	Thorsten Pusch
Mohammed	Ramdani	ESEO	Mohammed Ramdani
Akram	Ramezani	Melexis - ESR14	Akram Ramezani
Martin	Schaarschmidt	BDV	Martin Schaarschmidt
Stephane	Stroobant	KU Leuven	Stephane Stroobant
Michael	Suhrke	Fraunhofer INT	Michael Suhrke
Martin	Trefzer	University of York	Martin Trefzer
Barbel	van den Berg	Medisch Spectrum Twente	Barbel van den Berg
Jan-Kees	van der Ven	RH Marine	Jan-Kees van der Ven
Jens	Vankeirsbilck	KU Leuven	Jens Vankeirsbilck
Dries	Vanoost	KU Leuven	Dries Vanoost
Arunkumar	Venkateshaiah	University of York - ESR9	Arunkumar Venkateshaiah

Annex 3
PPT Presentation Day 1 Kick-Off Meeting February 4, 2020



Pan-European Training, research and education network on ElectroMagnetic Risk management.



EU H2020 MSCA-ETN PETER KICK-OFF MEETING – PART 1



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No. 812790

MSCA-ETN PETER Kick-Off Meeting
February 4-5 2020, BARCO KORTRIJK - BELGIUM



2



This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No. 812.790

MSCA-ETN PETER Kick-off Meeting February 4-5 2020



3


First things first



- Welcome!
- Information brochure
- Location, parking, walk from IBIS Hotel Kortrijk Expo
- Badges, access inside the building
- Meetingrooms, Cloakroom, Lockers, Toilets, Reception, Elevator, Stairs
- Breaks, Lunch, Diner
- Clickshare
- WiFi
- Experience, Factory and Lab tour

Enjoy the PETER kick-Off event at Barco's OneCampus!

MSCA-ETN PETER Kick-off Meeting February 4-5 2020




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Round table

Who is who?

MSCA-ETN PETER Kick-off Meeting February 4-5 2020




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Agenda Day 1 – Feb 4, 2020

TUESDAY 04.02.2020 - Day 1: ESRs + Supervisors & their colleagues + representatives of the Partner Organizations + Management Support Team

Time	Breaks in the Coffee and refreshments area
8:45 – 9:15	Welcome with coffee and refreshments
9:15 – 10:45	Kick-off meeting part 1 – Practical arrangements PETER-project (Introduction on project S/T, management, training, outreach) The Theatre
10:45 – 11:15	Coffee break
11:30 – 13:00	Kick-off meeting part 2 – Pitch presentations by ESRs on their background, project, host institute (template to be provided) The Theatre
13:00 – 13:45	Lunch Break
13:45 – 17:15	Soft-skill training for ESRs: "Ethics, integrity, open access and open science" MR Osaka (+3)
13:45 – 17:15	Dedicated supervisor training for supervisors: "The supervisor: role & responsibilities" Training Room Oxford (+2)
17:30 – 18:30	Guest Lecture by Keith Armstrong The Theatre
19:15 – 21:00	Project Dinner at BARCO Central Park

MSCA-ETN PETER Kick-off Meeting February 4-5 2020



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Agenda Day 2 – Feb 5, 2020

WEDNESDAY 05.02.2020 - Day 2: ESRs + Supervisors & their colleagues + representatives of the Partner Organizations + Management Support Team

Time	Breaks in the Coffee and refreshments area
9:00 – 10:30	Kick-off meeting part 3 – WP parallel sessions WP1: MR Miami (+4) WP2: TR Oxford (+2) WP3: MR Bombay (+3) WP4: MR Osaka (+3)
10:30 - 11:00	Conclusions WP Parallel Sessions: Q&A The Theatre
11:00 – 12:30	Secondments Café (timings, arrangements & practicalities) Coffee and refreshments area
12:30 – 13:00	Conclusions of the meeting The Theatre
13:00 – 13:45	Lunch Break
13:45 – 17:00	Experience, Factory- and Lab tour @Barco Reception Desk

MSCA-ETN PETER Kick-off Meeting February 4-5 2020

PETER

List of Participants

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[MSCA ETN PETER] KICK-OFF MEETING FEBRUARY 4-5 2020					
First Name	Last Name	Affiliation	First Name	Last Name	Affiliation
Keith	Armstrong	Cherry Clough Consultants Ltd	Arash	Nasrati	BDV - ESR2
Jacques	Royackers	KU Leuven	Mark	Nicholson	University of York
Zhao	Chen	Barco - ESR12	Nancy	Omello	RH Marine - ESR10
Tim	Clayvis	KU Leuven	Rhoad	Pardou	ESEO
Manuy	Das	Utwente - ESR4	Dany	Pasquet	KU Leuven
John	Dawson	University of York	Hugo	Pues	Melexis
Romy	Deslaine	Barco	Mohammed	Remondt	ESEO
Lukash	Devants	Horiba-Mira - ESR3	Adam	Remozat	Melexis - ESR14
Priscilla	Fernandez-Lopez	Valeo	Martin	Schoarschmidt	BDV
Sven	Fischel	LUH	Stephane	Stroobant	KU Leuven
Blayne	Gierbe	LUH	Michael	Subke	Fraunhofer IPT
Sambhaya	Choudhary	LUH - ESR1	Martin	Trafzer	University of York
Hassan	Habibi	KU Leuven - ESR5	Borbal	van den Berg	Medisch Spectrum Twente
Peter	Humbley-Hawkins	Lloyd's Register EMEA IPS	Jan-Kees	van der Ven	RH Marine
Geert Montford	Khan	ESEO - ESR7	Jean	Vankerschick	KU Leuven
Frank	Leferink	Utwente	Oris	Vanoost	KU Leuven
Osmani	Leppäaho	Valeo - ESR8	Anunkumar	Venkateshchiah	University of York - ESR9
Nguyen	Manier	KU Leuven - ESR6			

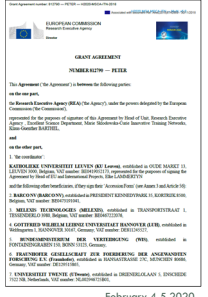
MSCA-ETN PETER Kick-off Meeting February 4-5 2020

PETER

PETER: Key Documents

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- **PETER Grant Agreement:** the Bible for this project: the one and only correct reference (as regards to rules, deliverables, milestones etc.), also including the Annex 1 (work description)
- **PETER Consortium Agreement:** the contract between the Beneficiaries and the Partner Organisations



MSCA-ETN PETER Kick-off Meeting February 4-5 2020



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PETER Consortium

MSCA-ETN PETER Kick-Off Meeting
February 4, 2020 BARCO KORTRIJK

PETER

PETER Consortium

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- **12 Beneficiaries in 5 Countries:**
 - BE: KU Leuven (2 ESRs)
 - BE: BARCO (1 ESR)
 - BE: Melexis (1 ESR)
 - GE: LUH (1 ESR)
 - GE: WIS (1 ESR)
 - GE: Fraunhofer (1 ESR)
 - NL: Utwente (2 ESRs)
 - NL: RH Marine (1 ESR)
 - UK: University of York (1 ESR)
 - UK: Horiba MIRA (1 ESR)
 - FR: ESEO (1 ESR)
 - FR: Valeo (1 ESR)
- **7 Partner Organisations:**
 - GE: FCS Flight Calibration Services
 - NL: Thales
 - NL: Medisch Spectrum Twente
 - **NL: Nedap**
 - UK: Cherry Clough Consultants
 - UK: Lloyd's Register
 - UK: De Montford University

MSCA-ETN PETER Kick-off Meeting February 4-5 2020

PETER

PETER Consortium: status 1/2

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- Final version of PETER CA has been signed by most parties:
 - DMU and Thales did not enter the CA
 - Extra bilateral secondment agreements need to be made and signed for any secondments involving De Montfort University or Thales
 - KU Leuven has template available for that (but other formats can be ok as well)
- Signed version CA sent out by Lukas Lanneau on Sept 11 2019

MSCA-ETN PETER Kick-off Meeting February 4-5 2020

PETER

PETER Consortium: status 2/2

12

- A few changes to the consortium have been proposed:
 - Nedap is no longer beneficiary for ESR13 but remains on board as partner organisation
 - ESR13 will move to Utwente
 - ESR3 (Horiba-Mira) will be enrolled as a PhD in De Montfort University instead of University of York.
- **All these deviations need to go through the PO of the PETER Project with reasoning and mitigation plan for these deviations if applicable (info for this through PM)**

MSCA-ETN PETER Kick-off Meeting February 4-5 2020

PETER Prefinancing Payment

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- As agreed in CA art. 7.3.2, the **pre-financing payment** is distributed in two instalments:
 - **25% of the pre-financing payment** upon signature of the Consortium Agreement (PF payment 1)
 - The remaining **75% of the pre-financing payment** (PF payment 2):
 - after month 6 to those Beneficiaries who have executed their planned ESR recruitment(s) in the first 6 months
 - after month 12 to those Beneficiaries who have executed their planned ESR recruitment(s) between months 7 and 12
- If recruitments are not fulfilled within first project year as planned, the transfer amount will be reduced in accordance with the recruitment delay

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

Roles of Partner Organisations

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- Partner Organisations take up three specific roles:
 - Partner Organisations are incorporated in the SB producing input in relevant issues of education (all Partner Organisations have one representative in the SB);
 - Partner Organisations will offer their input during the PETER Network Wide Events and Closing Network Conference, possibly as invited speakers;
 - Through the Partner Organisations a multitude of distinct secondments/trainings are provided to the ESRs. The Partner Organisations will provide the fellows with vital industrial experience, pilot-scale & industrial-scale facilities.

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

Travel costs of the Partner Organisations

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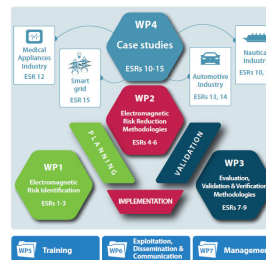
- Travel costs related to Project meetings and events will be reimbursed by the Beneficiary organizing the meeting or event (PETER C.A. [7.1.1.3]):
 - Subject to specific rules, limitations and processes of the Beneficiary who will reimburse these costs
 - Proof of costs needed!
 - Up to a **maximum** amount > 2 cost categories for each event:
 - Max 400 euros for travel costs
 - Max 150 euros/day for hotel and catering costs
 - For maximum 1 participant per Partner Organisation per event

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

PETER Project Flow

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- Key goals/features:
 - S/T programme, PhD to be written
 - Training programme, incl. development of soft skills
 - Network-wide events
 - Active dissemination and outreach

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

PETER Work Packages

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WP No.	WP Title	Lead Benef. No.	Start Month	End month	Activity Type	Lead Benef.	ESR involvement
1	Electromagnetic Risk Identification	4	7	42	Research	LUH	ESR1 – ESR3
2	Electromagnetic Risk Reduction Methodologies	7	7	42	Research	UWentle	ESR4 – ESR6
3	Evaluation, Validation and Verification Methodologies	13	7	42	Research	Valeo	ESR7 – ESR9
4	Application Case Studies	2	7	42	Research	Barco	ESR10 – ESR15
5	Training	9	7	48	Training	UoY	All ESRs
6	Exploitation, Dissemination and Communication	11	1	48	DEC	MIRA	All ESRs
7	Management	1	1	48	Management	KU Leuven	All ESRs

- WP Leaders:**
- WP1: H. Garbe
 - WP2: J. Boydens
 - WP3: P. Fernandez-Lopez
 - WP4: F. Leferink
 - WP5: J. Dawson
 - WP6: A. Ruddle
 - WP7: S. Stroobant

Each WP Leader is responsible for presenting the overview of the results at the network-wide meetings and reporting to the EC (short review reports based on templates provided by the Management Support Team)

PETER Project Management (Team)

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ESR representative: to be appointed after elections from the ESR Researcher Council, as a member of the Supervisory Board.

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

PETER Supervisory Board

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Group 1 (1 vote per beneficiary):

- D. Pissoort (PC, KU Leuven)
- J. Boydens (VC, KU Leuven)
- T. Claeys (S/T C, KU Leuven)
- One representative from each Project Beneficiary:
 - R. Deseine (Barco)
 - H. Poes (Melexis)
 - H. Garbe (LUH)
 - M. Schaarschmidt (WIS)
 - M. Suhrke (FHG)
 - F. Leferink (Utwente)
 - J.K. van der Ven (RH Marine)
 - J. Dawson (UoY)
 - A. Ruddle (Horiba-Mira)
 - M. Ramdani (ESEO)
 - P. Fernandez-Lopez (Valeo)

Group 2 (no formal voting rights):

- S. Stroobant (PM, KU Leuven)
- One representative from each Partner Organisation:
 - J. Bredemeyer (FCS)
 - F. Leferink (Thales)
 - B. van den Berg (MST)
 - K. Armstrong (CCC)
 - P. Huntley-Hawkins (LR)
 - A. Duffy (DMU)
 - J. van der Willik (Nedap)
 - **Qazi Mashaal Khan as the ESR representative**

February 4-5 2020

PETER Gantt Chart (M1 = April 1 2019)

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Today (M11)

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

Recruited ESRs (12/15) – ESRs started (12/15)

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*You did it!
Congratulations*

MSCA-ETN PETER Kick-off Meeting

February 4-5 2020

Recruited ESRs (12/15) – ESRs started (12/15)

22

 Samikshya Ghosalkar LUH ESR 1	 Arash Nateghi WIS ESR 2	 Lakesh Devaraj Horiba MIRA ESR 3	 Mumpy Das Utwente ESR 4
 Hasan Habib KU Leuven ESR 5	 Pejman Memar KU Leuven ESR 6	 Qazi Mashaal Khan ESEO ESR 7	 Oskari Leppäaho Valeo ESR 8

Actions:

- To make sure ESRs 11, 13 and 15 start asap
- To complete and submit Researcher Declarations
- To write and sign PCDD per ESR
- To enroll all ESRs in Doctoral School
- To make sure CV demonstrates eligibility

February 4-5 2020

Recruited ESRs (15/15) – ESRs started (12/15)

23

 Arunkumar Venkateshbalah University of York ESR 9	 Nancy Omollo RH Marine ESR 10	 Mahammad Tihelhan University of York ESR 11	 Zhao Chen Barco ESR 12
 Vasso Gkatsi Utwente ESR 13	 Akram Romezani Melexis ESR 14	 Fernando Arduini Fraunhofer ESR 15	

Actions:

- To make sure ESRs 11, 13 and 15 start asap
- To complete and submit Researcher Declarations
- To write and sign PCDD per ESR
- To enroll all ESRs in Doctoral School
- To make sure CV demonstrates eligibility

February 4-5 2020

Recruitment: Things to Remember!

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- Enrolment in a doctoral program mandatory!
- Duration of appointments: 36 months (additional funding required in case of necessity of 4th year)
- All ESRs must be recruited under an employment contract
- All ESRs must be informed of their rights and obligations
 - All ESRs must receive the ITN information packages
 - All ESRs must receive a copy of the PETER Grant Agreement (including Annex I)

MSCA-ETN PETER Kick-off Meeting

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PETER Supervisory Committees

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Action: to check and confirm supervisors and assessors/mentors for every ESR

All **changes** regarding the supervisory committees with respect to the **PETER GA Annex 1 Description of the Action** need to be reported to the European Commission with reasoning + CV's of the new (co-)supervisors if applicable.
More information through the PM.

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PETER Supervisory Committees

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ESR	Candidate	Host	Supervisor	Co-supervisors/mentors
ESR1	Samikshya Ghosalkar (f)	LUH	H. Garbe	M. Suhrke (FHG), JK van der Ven (RHM)
ESR2	Arash Nateghi (m)	WIS	M. Schaarschmidt	H. Garbe (LUH), R. Deselne (Barco)
ESR3	Lokesh Devaraj (m)	Horiba-Mira	A. Ruddle	A. Duffy (DMU), M. Stejanovic (Valeo)
ESR4	Mumpy Das (f)	UTwente	F. Leferink	B. van den Berg (MST), D. Pissoort (KU Leuven)
ESR5	Hasan Habib (m)	KU Leuven	D. Pissoort	G. Vandenbosch (KU Leuven), R. Deselne (Barco)
ESR6	Pejman Memor (m)	KU Leuven	J. Boydens	T. Holvoet (KU Leuven), B. van den Berg (MST)
ESR7	Qazi Mashaal Khan (m)	ESEO	R. Perdriau	M. Ramdani (ESEO), H. Pues (Melexis)
ESR8	Oskari Leppäaho (m)	Valeo	P. Fernandez-Lopez	M. Ramdani (ESEO), D. Pissoort (KU Leuven)

PETER

PETER Supervisory Committees

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ESR	Candidate	Host	Supervisors	Assessors/Mentors
ESR9	Arunkumar Hunasannahalli Venkateshalah (m)	UoY	J. Dawson	M. Trefzer (UoY), H. Pues (Melexis)
ESR10	Nancy Omollo (f)	RH Marine	JK van der Ven	F. Leferink (Uwente), P. Huntley-Hawkins (LR)
ESR11	Mohammad Tishehzan	UoY	M. Nicholson	P. Huntley-Hawkins (LR), F. Leferink (Uwente)
ESR12	Zhao Chen (m)	Barco	R. Deselne	D. Pissoort (KU Leuven), F. Sabath (WIS)
ESR13	Vasso Gkatsi	UTwente	F. Leferink	J. van der Willik (Nedap), P. Fernandez-Lopez (Valeo)
ESR14	Akram Ramezani (f)	Melexis	H. Pues	W. Dahoene (KU Leuven), R. Perdriau (ESEO)
ESR15	Fernando Arduini	Fraunhofer	M. Suhrke	H. Garbe (LUH), F. Leferink (Uwente)


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Researcher Declaration (!)

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- See instructions sent out by S. Stroobant
- Inform S. Stroobant before submitting Researcher Declaration
- Without these registrations, it will be impossible to claim the related funding at the end of the reporting periods.**



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Researcher Declaration

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- No Researcher Declaration -> No Funding**
- In order not to loose budget, every ESR should have started before April 1st 2020! -> **ESR11, 13 and ESR15 !!**
- All ESR Secondments need to be registered as well, as soon as possible **after** the specific secondment period.

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Researcher Declarations


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All 12 Researcher Declarations have been submitted

Researcher Declaration

ID	Pattn	First Name	Last Name	Status	Secondment Organization	Start Date	End Date	Working Time Commitment	Duration
1		Heisen	Maib	SUBMITTED	Katholieke Universiteit Leuven	01-08-2019	31-03-2020	Full Time	36
2		Nancy	Omollo	SUBMITTED	Rh Marine Nederlands Bv	28-10-2019	31-10-2019	Supernumer	36
3		Huangy	Die	SUBMITTED	Universiteit Twente	01-09-2019	31-08-2022	Full Time	36
4		Aruphanat	Hunasannahalli Venkateshalah	SUBMITTED	University Of York	01-08-2019	30-09-2022	Full Time	36
5		Pejman	Memor	SUBMITTED	Katholieke Universiteit Leuven	01-10-2019	30-09-2022	Full Time	36
6		Arash	Nateghi	SUBMITTED	Bundesministerium Der Verteidigung	01-11-2019	30-09-2022	Full Time	36
7		Lokesh	Devaraj	SUBMITTED	Horiba Vira Limited	11-11-2019	10-11-2022	Full Time	36
8		Sankshya	Ghosalkar	SUBMITTED	Cooperatieve Landbouw Universiteit Hannover	15-11-2019	14-11-2022	Full Time	36
9		Qazi Mashaal	Khan	SUBMITTED	Lesore Supérieure De L'electronique De Louvain	13-11-2019	11-11-2022	Full Time	36
10		Akram	Ramezani	SUBMITTED	Melexis Technologies	01-11-2019	31-10-2022	Full Time	36
11		Zhao	Chen	SUBMITTED	Barco Iv	01-04-2020	31-12-2022	Full Time	36
12		Oskari	Leppäaho	SUBMITTED	Valeo Comfort And Driving Assistance	06-01-2020	06-01-2023	Full Time	36

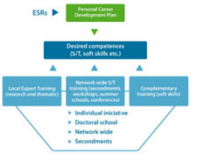
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Personal Career Development Plan

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Action:
 Every ESR needs to write a PCDP and have it signed by his/her main supervisor
 A template has been sent out
 Send a digital version of the PCDP to S. Stroobant
 Living document. Update regularly!




"Based on their existing skills, ambition and potential for further academic development, each ESR will draw up a PCDP in close consultation with his/her (co)-supervisors and mentors. The PCDP will describe inter alia the scientific objectives, the training needs and the way the supervision is organized. Each PCDP will be tested against the required skills and competences. During the project the PCDP will help to balance the scientific and technological training of each ESR who, together with their day-to-day supervisor, will report annually to the SB on the progress of the implementation of the PCDP."

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32 **Communication and Dissemination Outreach**


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PETER Project Visual Identity (1/3)


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To achieve the best dissemination and communication results, the following visual identifications and tools need to be used:
PETER Project Logo



Pan-European Training, Research & Education
 Network on ElectroMagnetic Risk Management


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PETER Project Visual Identity (2/3)

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SAS Project Templates (for PPT, scientific conference presentations, newsletters, project reporting and deliverables)




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PETER Project Visual Identity (3/3)


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EU funding acknowledgement



This project has received funding from the European Union's
 EU Framework Programme for Research and Innovation
 Horizon 2020 under Grant Agreement No. 812.790

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Post

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Scientific dissemination (peer-review publications) – Specific paragraph to be added in acknowledgement section – Publication procedure to be followed

"The research leading to these results has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 812.790 (MSCA-ETN PETER). This publication reflects only the authors' view, exempting the European Union from any liability. Project website: <http://etn-peter.eu/>."

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Paper Presubmission Procedure

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Post Paper Publishing Procedure: OPEN ACCESS

- Each beneficiary must ensure **OPEN ACCESS** (free of charge, online access for any user) to all peer-reviewed scientific publications relating to its results (**Article 29.2 of the Model Grant Agreement**)
- **What to do? Must** as soon as possible and at the latest on publication, deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications
- Moreover, the beneficiary must aim to deposit at the same time the research data needed to validate the results presented in the deposited scientific publications

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Post Paper Publishing Procedure: OPEN ACCESS

- **Where to deposit?**
 - An acknowledged repository:
 - subject specific (e.g. PubMed, arXiv)
 - institutional (e.g. Lirias)
 - general (Zenodo)
- **When to ensure Open Access?**
 - Must ensure open access to the deposited publication — via the repository — at the latest:
 - (i) on publication, if an electronic version is available for free via the publisher, or
 - (ii) within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.

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Post Paper Publishing Procedure: OPEN ACCESS

- **When to ensure Open Access? (continued...)**
 - Must ensure open access — via the repository — to the bibliographic metadata that identify the deposited publication. The bibliographic metadata must be in a standard format and must include all of the following:
 - the terms “Marie Skłodowska-Curie Actions” ;
 - the name of the action, acronym and grant number;
 - the publication date, and length of embargo period if applicable, and
 - a persistent identifier.

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Post Paper Publishing Procedure: OPEN ACCESS (e.g. KU Leuven – Lirias)

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PETER Papers Archiving System

- Linked with our PETER Website
- Needs in addition to be updated through the H2020 Participant Portal

- Explanation and Training to the ESRs at the NWE in Euskirchen

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PETER Website

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- New PETER-website since Sept 1 2019 (temporary website was available between June 27 2018 and Sep 1 2019)

PETER Blogs and Social Media (e.g. Facebook, LinkedIn, Twitter, etc.)

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Key goals:

- Social media pages: FB, Twitter, LinkedIn,...
- Blogging: every ESR to write at least 4 blog articles during his/her research project
- Others?

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PETER Blogs and Social Media (e.g. Facebook, LinkedIn, Twitter, etc.)

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- Leadership, Self-Organisation and creative ideas are needed
- ESR Researcher Council and informal moments during network-wide events ideal place/ moments to discuss these items and come up with new ideas

Key goals:

- Social media pages: FB, Twitter, LinkedIn,...
- Blogging: every ESR to write at least 4 blog articles during his/her research project
- Wikipedia pages in different languages?
- Others?

Action:

- Appoint responsible ESRs for FB, Twitter and LinkedIn
- Appoint responsible ESR(s) for blogging programme (make list and follow-up)

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PETER Internal Communication

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- **PODIO**
 - A password-protected Intranet
 - > start-up @ NWE in Euskirchen with ESR Training
- Developed Intranet: also storage space for ESRs' PCDPs, RTDEs, Progress Reports, Deliverables, minutes of WP meetings, NWE Reports,...

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PETER Promo Video

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- Example SULTAN project: <https://www.youtube.com/watch?v=ipZt6NwOGzA>
- A PETER Promo Video will be developed and published during the second year of the PETER Project.
- This Video will explain the project goals, and present the team and the collaborating partners,
- This video will be made in collaboration with Storyrunner.
- **Who is willing to help to co-develop the concept of the video?**


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Deliverables & Milestones

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Project deliverables



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WP	Deliv. No.	Deliv. Title	Description	Lead PI	Responsible	Start Date	End Date	Due Date	Status
WP1	01.1	01B	Project initiation	EC	Project	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	02.1	01B	Internal/External Communication plan	EC	Network	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	03.1	01B	Questionnaire agreement	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	04.1	04A	Supervisory board of the network	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.1	02A	WP1010001001 meeting WP1010001001	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.2	02B	18 Personal Career Development Plans	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.3	03B	FCU1010001001 meeting WP1010001001	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.4	03B	Preparation workshop with FCU1010001001	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.5	03B	Details of operational work for network activities	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.6	04A	Program Report submitted for Kick-off meeting 1	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.7	03B	Program report of PCOP to Supervisors	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted
WP1	05.8	03B	WP1010001001 meeting WP1010001001	EC	Contract	30 Sep 2019	30 Sep 2019	30 Sep 2019	Submitted

Action:
Every beneficiary needs to take responsibility for the deliverable they are lead for

Every beneficiary to check whether Due Dates are still feasible (especially for the S/T deliverables)

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Project Milestones



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number	name	Lead beneficiary	Delivery date (planned)	achieved	Delivery date (actual)	Comments
1	Internal and external communication	KU Leuven	30 Sep 2019	OK	30 Sep 2019	Deliverable 1.1 has been submitted regarding the PETER Internal and External Communication Strategy.
2	Start-up meeting	KU Leuven	30 Sep 2019	OK	16 Oct 2019	Start-up meeting was held on the 16th of October 2019 at the University of Leuven.
4	PETER Kick-off meeting/Training School 1	BARCO INT	30 Sep 2019	OK	30 Sep 2019	PETER Kick-off meeting at BARCO has been postponed to February 4-5 2020.
5	Personal Career Development Plans	UUT	30 Sep 2019	OK	13 Jan 2020	Deliverable 5.2 has been submitted on January 13th, 2020. This deliverable contains the first draft of the personal career development plans for the network activities. During February 17th to 20th, 2020, the network activities will be discussed. The deliverable 5.2 will be updated by the end of February 2020.
3	Planned milestones completed	KU Leuven	31 Jan 2020	OK	31 Jan 2020	
6	Initial SD meeting	KU Leuven	31 Jan 2020	OK	31 Jan 2020	
20	Project Check	KU Leuven	30 Jun 2020	OK	30 Jun 2020	
10	PETER Training School 2	UUT	29 Jul 2020	OK	29 Jul 2020	
12	Final report for submission the network	UUT	29 Oct 2020	OK	29 Oct 2020	

Action:
Every beneficiary needs to take responsibility for the milestone they are lead for

Every beneficiary to check whether Due Dates are still feasible (especially for the S/T milestones)

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PETER Deliverables and Milestones



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- Based on WP parallel sessions, so will be discussed tomorrow.
- Deviation of Deliverables and milestones: detailed information is needed why delayed, specify due dates, clarification why and how. **"Deviation Template" MITIGATION PLAN >>> ACTION PLAN**
- Formal notifications regarding these changes are necessary through the EC Participant Portal in order to further align with the Description of the Action as stated in the PETER Grant Agreement Annex 1.

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52 ESRs presentations (11:30 - 13:00)

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ESRs Pitch Presentations



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ESR	First Name	Last Name	Affiliation	Pitch Presentation
1	Sankshya	Chosalkar	UUT	11:35-11:42
2	Aroah	Nateghi	MIS	11:42-11:49
3	Jakeah	Devaraj	Hariba-Mira	11:49-11:56
4	Mumpy	Das	Utwente	11:56-12:03
5	Hassan	Habib	KU Leuven	12:03-12:10
6	Hajman	Hemar	KU Leuven	12:10-12:17
7	Qazi Mawhal	Khan	ESEO	12:17-12:26
8	Diskari	Jeppepaho	Valeo	12:26-12:33
9	Arunkumar H.	Venkateshiah	University of York	12:33-12:40
10	Nancy	Omollo	RH Marine	12:40-12:47
11	---	---	University of York	---
12	Zhao	Chen	Barco	12:47-12:54
13	---	---	Utwente	---
14	Akram	Ramezani	Melexis	12:54-13:01
15	---	---	Fraunhofer INT	---

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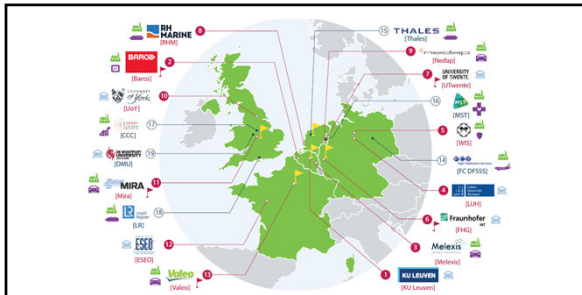
55 **Soft-skill Training for ESRs** (13:45 - 17:15)

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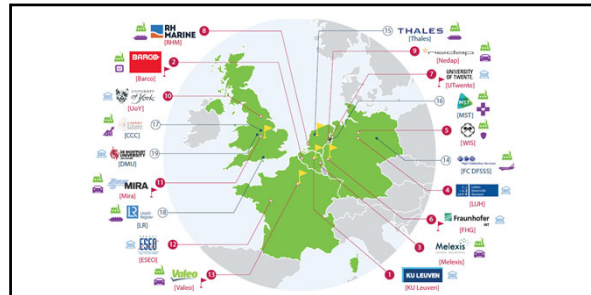
56 **Supervisor Training** (13:45 - 17:15)

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57 **Guest Lecture by Keith Armstrong** (17:30 - 18:30)

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58 **Project Dinner** (19:15 - 21:00)

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Annex 4
PPT Template “ESR Pitch Presentation”




Pan-European Training, research and education network on ElectroMagnetic Risk management.



MY NAME (MY AFFILIATION)

This project has received funding from the European Union's Horizon Programme for Research and Innovation under Grant Agreement No. 812790

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Bio data + professional background

2

- ❖ **One Slide**

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Host institute (add name)

3

- ❖ **One Slide** – give some key data about your host institute

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My ESR(x) project (title)

4

- ❖ **Two Slides** – describe background/goals of your ESR project/PhD

MSCA-ETN PETER Kick-off Meeting ESR X February 4th 2020



My outreach contribution

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- ❖ Describe how you will/can contribute to dissemination/public engagement/outreach
- ❖ Original ideas (not mentioned yet in the project proposal) are most welcome!

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Annex 5
PPT Presentation Day 2 Kick-Off Meeting February 5, 2020



Pan-European Training, research and education network on ElectroMagnetic Risk management.

EU H2020 MSCA-ETN PETER
KICK-OFF MEETING – PART 3 &
CONCLUSIONS OF THE MEETING +
NEXT STEPS




MSCA-ETN PETER Kick-Off Meeting
February 4-5 2020, BARCO KORTRIJK - BELGIUM

This project has received funding from the European Union's Horizon 2020 Programme for Research and Innovation Horizon 2020 under Grant Agreement No. 812.790




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Agenda Day 2 – Feb 5, 2020

WEDNESDAY 05.02.2020 - Day 2: ESRs + Supervisors & their colleagues + representatives of the Partner Organizations + Management Support Team


Time	Breaks in the Coffee and refreshments area
9:00 – 10:30	Kick-off meeting part 3 – WP parallel sessions WP1: MR Miami (+4) WP3: MR Bombay (+3) WP2: TR Oxford (+2) WP4: MR Osaka (+3)
10:30 – 11:00	Conclusions WP Parallel Sessions: Q&A
11:00 – 12:30	Secondments Café (timings, arrangements & practicalities)
12:30 – 13:00	Conclusions of the meeting
13:00 – 13:45	Lunch Break
13:45 – 17:00	Experience, Factory- and Lab tour @Barco

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S/T Work Packages Parallel Sessions (9:00 - 10:30)

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S/T Work Packages Parallel Sessions

PETER Scientific Work Packages 1-4

- Interaction between ESRs, Supervisors and the representatives of the Partner Organisations regarding the specific WP
 - Tasks within each WP
 - Scientific deliverables within each WP
 - Milestones within each WP
 - Actions within each WP
 - Q&A session to clarify technical aspects and practicalities


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S/T Work Packages Parallel Sessions

	WP1	WP2	WP3	WP4
WP leader	Hayno Garbe (LHH)	Frank Lefeink (Utwente)	Priscilla Fernandez Lopez (Valeo)	Romy Desaine (Barco)
ESRs	ESR1: Sankubaj Ghoshkar (LHH) ESR2: Anup Kataragi (BDO) ESR3: Liseah Deuring (Hofba Mira)	ESR4: Mungyi Das (Utwente) ESR5: Hessa Anesh (Sti Leuven) ESR6: Payman Mehr (Sti Leuven)	ESR7: Qazi Maqbal Khan (ESEO) ESR8: Patrick Leyskens (Valeo) ESR9: Anukumar Venkateshiah (LUV)	ESR10: Nanyang Dingyi (Rohr Motoren) ESR11: Jihong Chen (LHH) ESR12: Zhen Chen (Barco) ESR13: Jijun Chen (Utwente) ESR14: Arian Ramezani (Milexix) ESR15: Prashant Kumar (Fraunhofer)
ESR Supervisors	Fransje Garbe (LHH) Evan Padua (LHH) Martin Schanzendorf (BDO) Chetan Rautava (Hofba Mira)	Frank Lefeink (Utwente) Dirk Deboon (Sti Leuven) Lorenz Buisson (Sti Leuven) Wagner de Melo (MST)	Richard Penning (ESEO) Mohammed Berradi (ESEO) Wahne Koolstra (ESEO) Priscilla Fernandez Lopez (Valeo) John Dawson (LUV) Marin Toubert (LUV)	Jan-Pieter van der Vliet (Rohr Motoren) Mark Heinen (LUV) Romy Desaine (Barco) Jing-Jing Zhou (Milexix) Michael Schink (Fraunhofer) Thomas Spaeth (Fraunhofer)
Partner Organizations				Technische Universiteit Delft Petro-Technische Universiteit (LHH)

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WP1: Electromagnetic Risk Identification

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ESRs

- ❑ ESR1: Samikshya Ghosalkar (LUH)
- ❑ ESR2: Arash Nateghi (BDV)
- ❑ ESR3: Lokesh Devaraj (Horiba-Mira)

(Co-)Supervisors

- ❑ Heyno Garbe - LUH
- ❑ Sven Fisahn - LUH
- ❑ Martin Schaarschmidt - BDV
- ❑ Alastair Ruddle - Horiba-Mira
- ❑ + Representatives of Partner Organisations

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WP1: Electromagnetic Risk Identification

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Tasks

No.	Title	ESR
T1.1	Statistical Electromagnetic Risk Analysis of Large and Complex Systems, Development of Theoretical Description of Risk Assessment Methodologies	Samikshya Ghosalkar (LUH)
T1.2	Statistical Electromagnetic Risk Analysis of Large and Complex Systems, Experimental Analysis and Model Verification	Arash Nateghi (BDV)
T1.3	Risk-Based Automotive Electromagnetic Engineering Approach aligned with the ISO26262 Functional Safety Approach	Lokesh Devaraj (Horiba-Mira)

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WP1: Electromagnetic Risk Identification

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Deliverables

No.	Title	Lead	Type	Dis. Level	Due Date
D1.1	Basis description statistical electromagnetic risk assessment	LUH	Report	public	Oct. 20 (M 19)
D1.2	Unified ISO26262 electromagnetic risk analysis approach for functional safety and cyber-security	Horiba-Mira	Report	public	Feb. 22 (M 35)
D1.3	Validation report electromagnetic risk assessment methodologies	BDV	Report	public	May 22 (M 38)

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WP1: Electromagnetic Risk Identification

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Milestones

No.	Title	Lead	Means of verific.	Due Date
MS1.1 (N°11)	Theoretical basis for statistical risk assessment	LUH	Report available	Oct. 20 (M 19)
MS1.2 (N°16)	ISO26262 electromagnetic engineering approach applied to vehicle communications	Horiba-Mira	Report available	June 21 (M 27)
MS1.3 (N°24)	Statistical risk assessment validated	BDV	Statistical risk assessment successful for smart-grid case	May 22 (M 38)

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WP1: Electromagnetic Risk Identification

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Actions

- ❑ Find best way to enable better cooperation
 - ❑ Within WP 1
 - ❑ Between WPs
- ❑ D1.1/MS1.1 should be postponed, but new due date will be fixed in Euskirchen NWE I

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WP1: Electromagnetic Risk Identification

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AOB

- ❑ Security clearance for secondments
- ❑ Secondment for ESR3 to LUH in Nov/20
 - ❑ to follow a risk-management course
 - ❑ To enable better collaboration within WP1

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WP2: Electromagnetic Risk Reduction Methodologies

13


ESRs

- ESR4: Mumpy Das (Utwente)
- ESR5: Hasan Habib (KU Leuven)
- ESR6: Pejman Memar (KU Leuven)

Supervisors

- Frank Leferink - Utwente
- Davy Pissoort - KU Leuven
- **Jeroen Boydens - KU Leuven**
- + Representatives of Partner Organisations

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WP2: Electromagnetic Risk Reduction Methodologies

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Tasks

No.	Title	ESR
T2.1	Risk-Based EMI-Aware Design of Complex Systems	Mumpy Das (Utwente)
T2.2	IEC 61508 Techniques & Measures for EMI Risk Reduction, Hardware-based Techniques & Measures	Hasan Habib (KU Leuven)
T2.3	IEC 61508 Techniques & Measures for EMI Risk Reduction, Software-based Techniques & Measures	Pejman Memar (KU Leuven)

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WP2: Electromagnetic Risk Reduction Methodologies

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Deliverables

No.	Title	Lead	Type	Dis. Level	Due Date
D2.1	Overview of EMI-relevant IEC61508 techniques & measures	KU Leuven	Report	public	Oct. 20 (M 19)
D2.2	EMI Risk Management Plan for two real-life environments	Utwente	Report	public	Oct. 21 (M 31)
D2.3	Experimentally validated EMI-aware IEC61508 techniques and measures	KU Leuven	Report	public	Sep. 22 (M 42)

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WP2: Electromagnetic Risk Reduction Methodologies

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Milestones

No.	Title	Lead	Means of verific.	Due Date
MS2.1 (N°17)	EMI Risk Management Plans	Utwente	Plans available for maritime and medical environment	Oct. 21 (M 31)
MS2.2 (N°28)	IEC 61508 techniques & measures validated	KU Leuven	Techniques & measures validated for at least medical environment	Sep. 22 (M 42)

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WP2: Electromagnetic Risk Reduction Methodologies

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Actions + AOB

- **No changes to deliverable dates**
 - Make D2.1 Hasan + Pejman
- **How to share information, papers: PODIO?**
- **Monthly meetings between: Mumpy, Hasan, Pejman, Zhao, Lokesh, Nancy + ESR11(UYork)**
 - Hasan sets up SkypeFB meetings, meeting notes
- **Joint secondments @Utwente, fimings**
- **Hasan: low cost EMI monitoring J. Dawson + K. Armstrong**
- **Davy: send around papers, STPA, SOTIF, ESHA, SSS2018 paper.**
- **Send the link to SSC2020**
 - <https://iiw.kuleuven.be/brugge/m-group/Events/ssc2020>

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WP3: Evaluation, Validation and Verification Methodologies

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ESRs

- ESR7: Qazi Mashaal Khan (ESEO)
- ESR8: Oskari Leppäaho (Valeo)
- ESR9: Arunkumar Hunasanahalli Venkateshaiah (UoY)

Supervisors

- **Priscila Fernandez-Lopez - Valeo**
- Richard Perdriau - ESEO
- Mohammed Ramdani - ESEO
- Mohsen Koohestani - ESEO
- John Dawson - UoY
- Martin Trefzer - UoY
- + Representatives of Partner Organisations

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WP3: Evaluation, Validation and Verification Methodologies

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Tasks

No.	Title	ESR
T3.1	Evaluation of Electromagnetic Hazards due to Environmental Stresses, Obsolescence and/or Ageing, Evaluation at the IC Level	Qazi Mashaal Khan (ESEO)
T3.2	Evaluation of Electromagnetic Hazards due to Environmental Stresses, Obsolescence and/or Ageing, Evaluation at the System Level	Oskari Leppäaho (Valeo)
T3.3	Statistical Verification and Validation of Immunity and Enclosure Shielding Effectiveness – Risk of Susceptibility	Arunkumar Hunsanganahalli Varikoteshoiah (UoY)

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WP3: Evaluation, Validation and Verification Methodologies

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Deliverables

No.	Title	Lead	Type	Diss. Level	Due Date
D3.1	Integrated Circuit to measure absorbed energy	UoY	Report	public	Mar. 21 (M 24)
D3.2	Description methodology for risk prediction from IC to system level	Valeo	Report	public	Nov. 21 (M 32)
D3.3	Validated statistical methodology to estimate coupling into enclosure or device	UoY	Report	public	May 22 (M 38)
D3.4	Validated IC-EM and IC-IM models including environmental stress and ageing	ESEO	Report	public	June 22 (M 39)

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WP3: Evaluation, Validation and Verification Methodologies

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Milestones

No.	Title	Lead	Means of verific.	Due Date
MS3.1 (N°14)	IC to measure absorbed energy available	UoY	Physical IC available	Mar. 21 (M 24)
MS3.2 (N°18)	Highly Accelerated Lifetime Testing	Valeo	Test report available	Nov. 21 (M 32)
MS3.3 (N°25)	IC-EM and IC-IM models for ageing	ESEO	IC-EM and IC-IM models experimentally validated	June 22 (M 39)

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WP3: Evaluation, Validation and Verification Methodologies

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Actions

- **D3.1: Depends on the collaboration with Melexis**
 - Derisk with Valeo (of the shelf product?)
 - ESEO can give an IC design
 - Keep the deadline, evaluate at NW2 (Thalys)
- **D3.2: Final goal of the PhD (Jan 23)**
 - If only a description no problem
 - Keep the deadline, evaluate at NW2 (Thalys)

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WP3: Evaluation, Validation and Verification Methodologies

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Actions

- **D3.3: No problem**
 - Keep the deadline
- **D3.4: Final goal of the PhD (Okt 22)**
 - No problem
 - Keep the deadline, evaluate at NW2 (Thalys)

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WP3: Evaluation, Validation and Verification Methodologies

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Actions

- **MS3.1: Depends on the collaboration with Melexis**
 - Derisk with Valeo (of the shelf product?)
 - ESEO can give an IC design
 - Keep the deadline, evaluate at NW2 (Thalys)
- **MS3.2: Output of the secondment at KU Leuven Bruges Campus**
 - No problem
 - Keep the deadline, evaluate at NW2 (Thalys)

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WP3: Evaluation, Validation and Verification Methodologies

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Actions

- **MS3.3: Output of the secondment at KU Leuven Bruges Campus**
 - No problem
 - Keep the deadline, evaluate at NW2 (Thalys)

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WP3: Evaluation, Validation and Verification Methodologies

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AOB

- **ESR 7 and 8: Joint secondment at KUL Bruges Campus**
- **Move with 1 month from:**
 - September - October → Augustus - September

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WP4: Application Case Studies

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ESRs

- ESR10: Nancy Omollo (RH Marine)
- ESR11: --- (UoY)
- ESR12: Zhao Chen (Barco)
- ESR13: --- (Utwente)
- ESR14: Akram Ramezani (Melexis)
- ESR15: --- (Fraunhofer)

Supervisors

- Ronny Deseine - BARCO
- J-K van der Ven - RH Marine
- **Frank Leferink - Utwente**
- Mark Nicholson - UoY
- Hugo Pues - Melexis
- Michael Suhrke - Fraunhofer
- Thorsten Pusch - Fraunhofer
- + Representatives of Partner Organisations

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WP4: Application Case Studies

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Tasks

No.	Title	ESR
T3.1	From Rule-Based Standards to Risk-Based, Cost-Effective, Up-to-Date, Maritime EMC Standards	Nancy Omollo (RH Marine)
T3.2	Modelling and Reasoning about EMI Interactions in Autonomous and Complex Vessels	--- (UoY)
T3.3	EMI-Resilient Medical Display Systems for Surgical, Diagnostic Imaging- and Modality Applications	Zhao Chen (BARCO)
T3.4	EMI Risk assessment applied to the next generation vehicular communication devices	--- (Utwente)
T3.5	Risk-Based EMI-Aware Design of an Automotive Integrated Circuit	Akram Ramezani (Melexis)
T3.6	EMI Risk Management on the scale of the Smart Grid as a network of systems	--- (Fraunhofer)

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WP4: Application Case Studies

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Deliverables

No.	Title	Lead	Type	Dis. Level	Due Date
D4.1	EMI-aware risk identification and assessment of vehicular communication systems	Utwente	Report	public	Nov. 20 (M 20)
D4.2	Flow-diagram for an EMI-aware safety case	UoY	Report	public	May 21 (M 26)
D4.3	Guidelines for electromagnetic protection of critical infrastructures	Fraunhofer	Report	public	Jan. 22 (M 34)
D4.4	Risk-based EMI certification report of real-life maritime application	RH Marine	Report	public	May 22 (M 38)
D4.5	Dedicated EMI Risk Management and Design Plan for display systems in medical environment	Barco	Report	public	May 22 (M 38)
D4.6	EMI fault-tolerant automotive IC	Melexis	Report	Public	July 22 (M 40)

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WP4: Application Case Studies

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Milestones

No.	Title	Lead	Means of verif.	Due Date
MS4.1 (N°19)	Safety-case methodology for vehicular communication	Utwente	Safety case description available	Nov. 21 (M 32)
MS4.2 (N°20)	Safety-case methodology for autonomous and complex vessels	UoY	Safety case description available	Nov. 21 (M 32)
MS4.3 (N°22)	Guidelines for electromagnetic protection of critical infrastructures	Fraunhofer	Guideline document available	Jan. 22 (M 34)
MS4.4 (N°23)	Electromagnetic characterization of medical environment	Barco	Measurement report available	Apr. 22 (M 37)
MS4.5 (N°26)	EMI fault-tolerant IC	Melexis	Physical IC available	July 22 (M 40)

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WP4: Application Case Studies

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Actions

- ESR14 Make changes to the secondments.
- ESR11 will be working on the full lifecycle of a product.
- ESR11 First secondment will probably be delayed
- D4.1 and D4.2 will probably be delayed. Decision will be made at NWE1.
- ESR10 First secondment and second will be swapped. Second secondment will be delayed.
- ESR15 First secondment will be delayed.

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WP4: Application Case Studies

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AOB

- How to register secondments?
- How fixed is the secondments duration, full months or series of short stays?

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Secondments Café (11:00 - 12:30)

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February 5, 2020 BARCO KORTRIJK

Secondments: key items of ETNs!

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- We expect all ESRs to fulfill secondment programme as listed in the **Grant Agreement Annex 1: Description of the Action**
- Secondments should last at least one month!
- Modifications (timing, topic, location) can be performed on request
- Example for ESR1 (LUH) -> RHM, FHG, MIRA

ESR1	LUH	PI2 involvement	Start	End	Duration	Deliverables
					36 months	1.1, 1.5, 1.8, 1.9

Co-supervisors: Prof. H. Garba (LUH, GE), Dr. M. Sahnke (FHG, GE), Ing. JK van der Veen (RHM, NL)
Project title: WP - Statistical Electromagnetic Risk Analysis of Large and Complex Systems. Development of Theoretical Description of Risk Assessment Methodologies (TDR)

Objectives:

- Prediction of the probability of the electromagnetic risks taking into account the systems topology, the different subsystems and non-technical aspects
- Description of the overall system based on the statistical disturbance functions of the subsystems
- Development of methods to combine the different probability functions with the topology of the system other non-technical aspects
- Analysis of the susceptibility of a subsystem and describing it as probability function with respect to the non-linear disturbance behaviour

Expected Results:

- A more reliable statistical description of the risk probability of large and complex systems
- Transfer of the existing description of subsystems to combine them in the whole system description
- Better understanding of the non-linear disturbance process and to give a generalized description of it

Planned secondments:

- ESR1 (NL): EMI risk assessment of complex naval systems (M13-14)
- ESR2 (GE): Application of statistical risk analysis to SmartGrid application together with ESR2 and ESR15 (M25-27)
- ESR3 (LU): Adapting the theoretical risk assessment methods towards automotive functional safety and int. with 10202020 (M40)

Employed in the Doctoral degree: The Graduate Academy of Leibniz Universität Hannover (GAE)

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Secondments: key items of ETNs!

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- See Gantt Chart

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Secondments: key items of ETNs!

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- Secondment programme per ESR is listed in **Table 16 of Annex 1**
- Modifications (timing, topic, location) can only be performed after **PREVIOUS APPROVAL** (contact PM) → **Deviation Template available**

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Let's Review the Secondments Table

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ESR	Candidate	Host	Second 1	Period Second 1	Local Mentor Second 1	Second 2	Period Second 2	Local Mentor
ESR1	Samikshya Ghosalkar (f)	LUH	RHM	April - May 2020 (2m)	JK van der Ven	FHG	April - June 2021 (3m)	M. Suhrke
ESR2	Arash Nateghi (m)	WIS	UTwente	April 2020 (1m)	F. Leferink	FHG	April - June 2021 (3m)	M. Suhrke
ESR3	Lokesh Devaraj (m)	Horiba-Mira	LUH	March 2020 (1m)	H. Garbe	Nedap	Feb - April 2021 (3m)	J. van der Willik
ESR4	Mumpy Das (f)	UTwente	LR	Oct - Nov 2020 (2m)	???	Barco	Sep - Okt 2021 (2m)	R. Deseine
ESR5	Hasan Habib (m)	KU Leuven	ESEO	March 2020 (1m)	???	Thales	April - May 2021 (2m)	F. Leferink
ESR6	Pejman Memar (m)	KU Leuven	UoY	February 2020 (1m)	J. Dawson	Nedap	July - Aug 2021 (2m)	J. van der Willik
ESR7	Qazi M. Khan (m)	ESEO	Melexis	April & Oct 2020 (2m)	H. Poes ???	KU Leuven	Sep - Oct 2021 (2m)	D. Pissoort
ESR8	Oskari Leppäaho (m)	Valeo	UoY	Dec 20 - Mar 21 (4m)	J. Dawson	KU Leuven	Sep - Oct 2021 (2m)	D. Pissoort

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Let's Review the Secondments Table

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ESR	Candidate	Host	Second 1	Period Second 1	Local Mentor Second 1	Second 2	Period Second 2	Local Mentor
ESR9	Arunkumar H. Venkateshaiah (m)	UoY	Melexis	May & Oct - Nov 2020 (2m)	H. Poes ???	LUH	Oct - Dec 2021 (3m)	H. Garbe
ESR10	Nancy Omollo (f)	RHM	LUH	Aug - Oct 2020 (3m)	H. Garbe	LR	March - May 2022 (3m)	???
ESR11	Mohammad Tishehzan	UoY	RHM	April - June 2021 (3m)	JK van der Ven	LR	March - May 2022 (3m)	???
ESR12	Zhao Chen (m)	Barco	UTwente	June 2020 (1m)	F. Leferink	WIS	Jan - Feb 2021 (2m)	???
ESR13	Vasso Gkatsi	UTwente	LUH	Jan - Feb 2020 (2m)	H. Garbe	MIRA	Sep - Okt 2020 (2m)	A. Ruddle
ESR14	Akram Ramezani (f)	Melexis	UTwente	Jan - Feb 2020 (2m)	F. Leferink	ESEO	April - July 2021 (4m)	???
ESR15	Fernando Ardani	Fraunhofer	WIS	December 2019 (1m)	???	UTwente	Jan - March 2021 (3m)	F. Leferink

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Conclusions of the meeting + next steps (12:30 - 13:00)

MSCA-ETN PETER Kick-Off Meeting
February 5, 2020 BARCO KORTRIJK

- ### PETER
- ## WP1-4 Parallel Sessions
- 40
- Actions + outcome of the sessions: send to the PM
 - S/T Coordinator Tim Claeys will follow up
 - Through short Skype meetings:
 - Progress in research
 - Deliverables and milestones
 - Possible collaboration
 - Dates will be set by a Doodle to the ESRs
 - (Co-)Supervisor will be kindly invited
 - 3-monthly meetings through Skype, starting after NWE in Euskirchen: all ESRs within each WP + the WP leader
- MSCA-ETN PETER Kick-off Meeting February 4-5 2020


- ### PETER
- ## PETER Supervisory Board
- 41
- Group 1 (1 vote per beneficiary):**

 - D. Pissoort (PC, KU Leuven)
 - J. Boydens (VC, KU Leuven)
 - T. Claeys (S/T C, KU Leuven)
 - One representative from each Project Beneficiary:
 - R. Deseine (Barco)
 - H. Poes (Melexis)
 - H. Garbe (LUH)
 - M. Schaarschmidt (WIS)
 - M. Suhrke (FHG)
 - F. Leferink (Utwente)
 - J.K. van der Ven (RH Marine)
 - J. Dawson (UoY)
 - A. Ruddle (Horiba-Mira)
 - M. Ramdani (ESEO)
 - P. Fernandez-Lopez (Valeo)

Group 2 (no formal voting rights):

 - S. Stroobant (PM, KU Leuven)
 - One representative from each Partner Organisation:
 - J. Bredemeyer (FCS)
 - F. Leferink (Thales)
 - B. van den Berg (MST)
 - K. Armstrong (CCC)
 - P. Huntley-Hawkins (LR)
 - A. Duffy (DMU)
 - J. van der Willik (Nedap)
 - Qazi Mashaal Khan as the ESR representative
- February 4-5 2020

- ### PETER
- ## SUPERVISORY COMMITTEES
- 42
- The changes in the supervisory committees need to be justified towards the EC with justification, motivation + also the respective CV's of the new supervisory committee members
 - Request for information will be sent out by PM. Send everything regarding these changes/modifications to the PM **asap**.
 - Formal notifications are necessary through the EC Participant Portal so this is urgent
- MSCA-ETN PETER Kick-off Meeting February 4-5 2020




DELIVERABLES AND MILESTONES

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- Deviaton of Deliverables and milestones: more detailed information is needed why delayed, specify due dates, clarification why and how.
MITIGATION PLAN >>> ACTION PLAN
- Based on WP parallel sessions
- Formal notifications regarding these changes are necessary through the EC Participant Portal in order to further align with the Description of the Action as stated in the PETER Grant Agreement Annex I Part B

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KICK-OFF REPORT + ACTION ITEMS

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- Kick-Off Report + Action items will be sent out to all PETER Consortium members
- Please follow up the action items

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First Secondments (1)

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- Modifications (schedule changes, topic, location) can only be performed after PREVIOUS APPROVAL and on request and should be communicated with the PM who reports this to the PO !!
- Check if ESR's nationalities cause issues for the foreseen secondments and if specific procedures need to be followed
- Align the secondment timings with the institutions hosting secondments
- Confirm the modifications to the PM

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First Secondments (2)

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- After each Secondment a Secondment Report needs to be written by the ESR, and signed by the ESR and the Secondment Hosting Supervisor. Template will be send out by Stephane.
- **IMPORTANT**
The Actual Secondment Period needs to be submitted at the H2020 Participant Portal (under the Tab 'Researchers') as soon as the Secondment has ended, so not sooner!

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Ethics

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- EC required us to write a dedicated deliverable on ethical issues and potential dual use related to autonomous systems
- Deliverable written through collaboration between KU Leuven and Univ. of York
- Voluntary ethical self-assessment by every ESR
- **Ethical Board:**
 - KU Leuven: Prof. A. Vedder, Dr. D. Vanoost
 - UoY: Dr. I. Habli


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PETER Project Visual Identity

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EU funding acknowledgement



This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No. 812.790

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PETER Workshops, Tutorials, Special Sessions,...

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Event	Type	Responsible	Timing	Location
EMC Europe Symposium 2020	Special Session	UTwente	Sept 2020	Rome
Safety Critical Systems Symposium 2021	Special Session/Tutorial	UoY	Feb 2021 ?	Bristol (UK) ?
EMC Compo Conference 2021	Workshop	Melixis (+ KU Leuven)	Oct 2021	Bruges
Joint IEEE EMC Symposium 2021	Workshop	KU Leuven	July 2021	Glasgow (UK) ?
IET International Conf. on Systems Safety and Cyber-Security	Workshop	FHG	May 2022	???

Action:
Assign responsables (supervisor + ESR(s)) for each event and reviewing the timings

PETER Network-Wide Events

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NWE number	Location	Organizer	Timing
PETER Kick-Off	Kortrijk (BE)	BARCO (+ KU Leuven/Melixis)	Feb 4-5 2020
PETER NWE I + meeting with PO	Euskirchen (DE)	LUH (DE)	May 26-29 2020
PETER NWE II + Problem Solving Session	UTwente (NL)	UTwente (NL)	April 2021
PETER NWE III + Problem Solving Session	MIRA (UK)	Horiba-Mira (UK)	January 2022?
PETER NWE IV + Problem Solving Session	Valeo (FR)	Valeo (FR)	September 2022?
PETER Network Conference	Leuven (BE)	KU Leuven	March 2023?

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Planning Next Event

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- Network-wide event I is planned in May 2020 at Fraunhofer INT (May 26-29) in Euskirchen, Germany
 - Day1 (26.05.20) PM. Welcome + Meeting with PO EC REA + Project Dinner
 - Day2 (27.05.20) ESR presentations + SB meeting + technical visit (with PO) (+ Tour or/and invited talk)
 - Day3 (28.05.20) S/T and Soft skills Training
 - Day4 (29.05.20) S/T and Soft skills Training

Preliminary agenda + practicalities will be circulated soon



MSCA-ETN PETER Kick-off Meeting February 4-5 2020

AOB

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- Round Table
- Closing of the meeting

MSCA-ETN PETER Kick-off Meeting February 4-5 2020

Special thanks to Ronny for organizing this Kick-Off Meeting here at BARCO in Kortrijk

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MSCA-ETN PETER Kick-off Meeting February 4-5 2020

THANK YOU ALL FOR ATTENDING THIS KICK-OFF MEETING AND ALREADY LOOKING FORWARD TO SEEING YOU ALL IN EUSKIRCHEN AT OUR FIRST NWE

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Annex 6
PETER Kick-Off Survey Form

🏠 Home / MSCA ETN PETER Kick-Off event @ Barco, Kortrijk – Survey Form

MSCA ETN PETER Kick-Off event @ Barco, Kortrijk – Survey Form

Please fill out the survey form regarding the MSCA ETN PETER Kick-Off event which took place at Barco in Kortrijk on Tuesday 04.02.2020 and Wednesday 05.02.2020.

Regarding the scores: 1 = Poor, 5 = Excellent

Tuesday 04.02.2020

How satisfied were you with the provided overview of the PETER project? *

1 2 3 4 5

How satisfied were you with the Individual ESR presentations? *

1 2 3 4 5

How satisfied were you with the provided training for ESRs "Ethics, integrity, open access and open science"? *

1 2 3 4 5
 Not Applicable

How satisfied were you with the provided training for supervisors: "The supervisor: role & responsibilities"? *

1 2 3 4 5
 Not Applicable

How satisfied were you with the guest lecture given by Keith Armstrong? *






1 2 3 4 5

Comments or Notes regarding the sessions on Tuesday February 04 2020



This project has received funding from the European Union's EU Framework Programme for Research and Innovation Horizon 2020 under Grant Agreement No 812790

RECENT POSTS

-  PETER Kick-Off Event
🕒 February 6, 2020
-  Embarking on the journey of PETER: a wonderful start of my PhD
🕒 January 29, 2020
-  Starting my PhD: Hasan Habib (ESR5)
🕒 January 21, 2020
-  PETER Kick-Off Event February 4-5, 2020 @ Barco NV, Kortrijk
🕒 January 16, 2020
-  Introduction to System Safety Engineering and Management 2020
🕒 November 20, 2019

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