

Pan-**E**uropean **T**raining, Research & Education Network on **E**lectromagnetic **R**isk Management

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

D6.1 – Project Website



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

1. Project Information

- URL <u>www.etn-peter.eu</u>

- Data Published: Dec 21st, 2016

- Contents:
 - 1. Home page (Introduction and Project Description)
 - 2. Past and upcoming events
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 - 4. Intranet >> private section with specific confidential formation on deliverables, milestones and recruitment event. Also the purpose of this intranet is to backup old pages for later referral.

<u>Note</u>: All screenshots are made on the 6th of June 2019, between 13:00 and 14:30. Some project pages are more subjected to change than others (e.g. events page). Differences between screenshots presented in this document and the actual website are therefore plausible.

2. Screenshots

2.1. Home page



Home

PETER - PAN-EUROPEAN TRAINING, RESEARCH AND EDUCATION NETWORK ON ELECTROMAGNETIC RISK MANAGEMENT

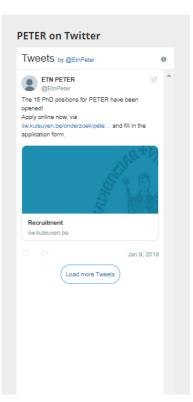
Marie Skłodowska-Curie Actions - Innovative Training Networks (ITN)



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

INTRODUCTION

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 system actually is. Therefore, in order to make sure that people's safety is not compromised in this way, the PETER consortium will initiate a novel and much more robust "risk-based" approach to EMI management.





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2.2. Past and upcoming events



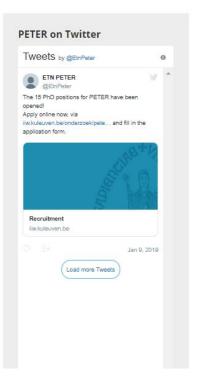
Home > PETER EVENTS PETER EVENTS

RECRUITMENT EVENT

PETER Recruitment Event took place at Crowne Plaza, Bruges on May 14-15 2019.

On May 14th, all beneficiaries of the MSCA ETN PETER Project came together at Crowne Plaza in Bruges. The European Projects Advisor at LRD department of KU Leuven gave a presentation on the Project Execution, Budget Rules and the Consortium Agreement according to the H2020 Programme rules and regulations. This was followed by an intense training by the KU Leuven HR Department on how to successfully do panel interviews so that each beneficiary was completely ready to interview all preselected candidates.

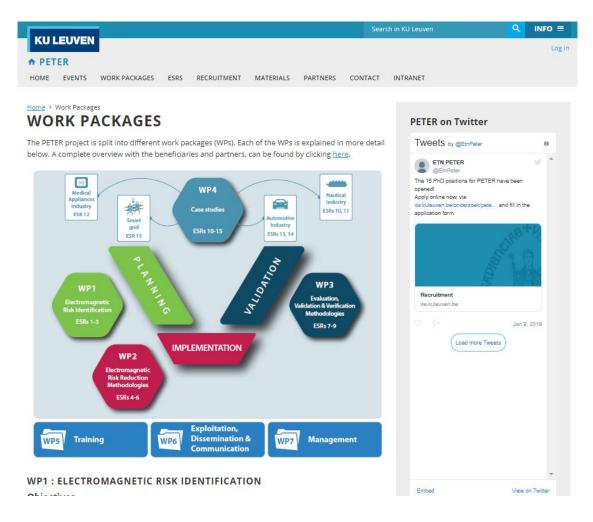






2.3. Overviews of

2.3.1 Work Packages





2.3.2 ESR overview



Home > Early-Stage Research Positions

EARLY-STAGE RESEARCH POSITIONS

QuickLink: ESR1 ESR2 ESR3 ESR4 ESR5 ESR6 ESR7 ESR8 ESR9 ESR10 ESR11 ESR12 ESR13 ESR14 ESR

ESR1 - STATISTICAL ELECTROMAGNETIC RISK ANALYSIS OF LARGE AND COMPLEX SYSTEMS, DEVELOPMENT OF THEORETICAL DESCRIPTION OF RISK ASSESSMENT METHODOLOGIES

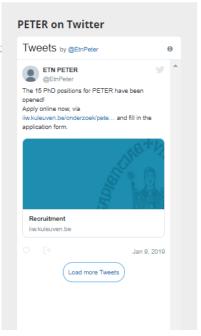
Doctoral School: Graduate Academy of Leibniz Universität Hannover (GE)

Promotors:

- 1. Prof. H. Garbe (LUH)
- 2. Dr. M. Suhrke (FHG)
- 3. Ing. JK van der Ven (RHM)

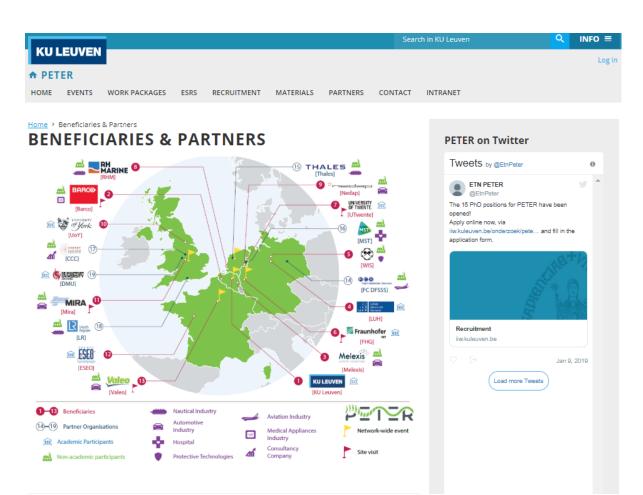
Objectives:

- 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 stochastic 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





2.3.3 Partners

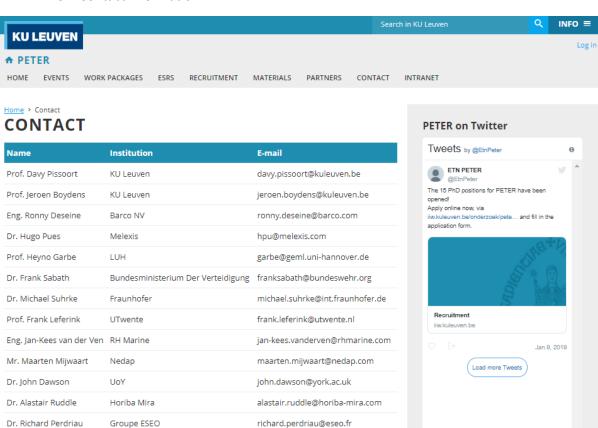




2.3.4 Contact information

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2.4. Intranet Home Page

>> private section with specific confidential formation on deliverables, milestones and recruitment event. Also the purpose of this intranet is to backup old pages for later referral.

