



Newsletter #1 (December 2020)



12 Beneficiaries and 7 Partner Organizations provide the first-ever training programme dedicated to issues involving Electromagnetic Risk Management for **15 researchers from 10 countries and 4 continents**

[Meet the team](#)

Meet the Researchers



Samikshya Ghosalkar

*From: India
Leibniz University Hannover*



Arash Nateghi

*From: United Kingdom
Werhwissenschaftliches Institute
fur Schutztechnologien*



Lokesh Devaraj

*From: India
Horiba Mira Ltd.*



Mumpy Das

*From: India
University of Twente*

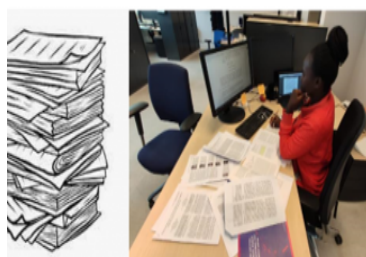


Hassan Habib

*From: Pakistan
KU Leuven*

[See all PETER Researchers](#)

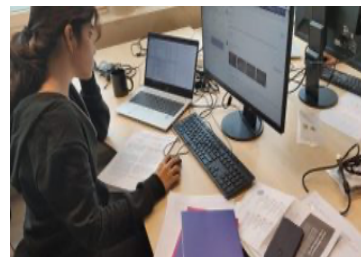
BLOG POSTS



**PhD Life – The
Experience so far into the
Second Year**



**Starting a PhD from
Home**



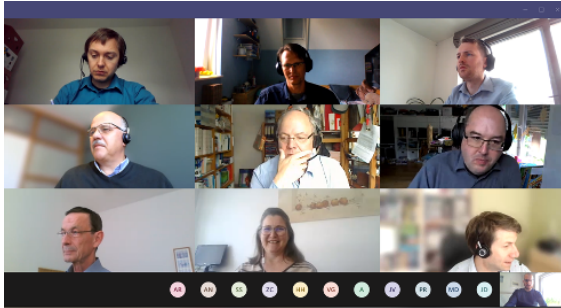
**My Life Experience in the
Western Country**

[See all Blog Posts from PETER Researchers](#)

PETER events



EU H2020 MSCA ETN PETER kicked off at Barco, Kortrijk, on February 04-05 2020



From May 26 till May 29, the first network-wide event of the MSCA ETN PETER project took place using Microsoft Teams, by the courtesy of ESEO.

[See all PETER Events](#)

PETER talk @ SSS 21

29th Safety-Critical
Systems Symposium

ONLINE

10th - 12th February 2021



At the Safety-Critical Systems Symposium 2021, project Coordinator Davy Pissort and some PETER ESRs will talk about various topics related to Electromagnetic Risk

About MSCA ETN PETER



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. 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.

What is needed is a truly interdisciplinary – but also revolutionary – approach to this very serious problem. A safer environment based on assessing risk requires bringing together expertise from 4 key areas – electromagnetic compatibility, reliability engineering, functional safety and risk management – and the implementation of a risk-based approach. The PETER project will consider the complete system over its whole lifecycle, i.e., from the earliest concept to the final decommissioning.

[Learn more](#)

PETER Consortium





CONTACT

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

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