



ASCIMAT

Contact Information

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*Increasing the Scientific Excellence
and Innovation Capacity in
Advanced Scintillation Materials of
the Institute of Physics from the
Czech Academy of Sciences*






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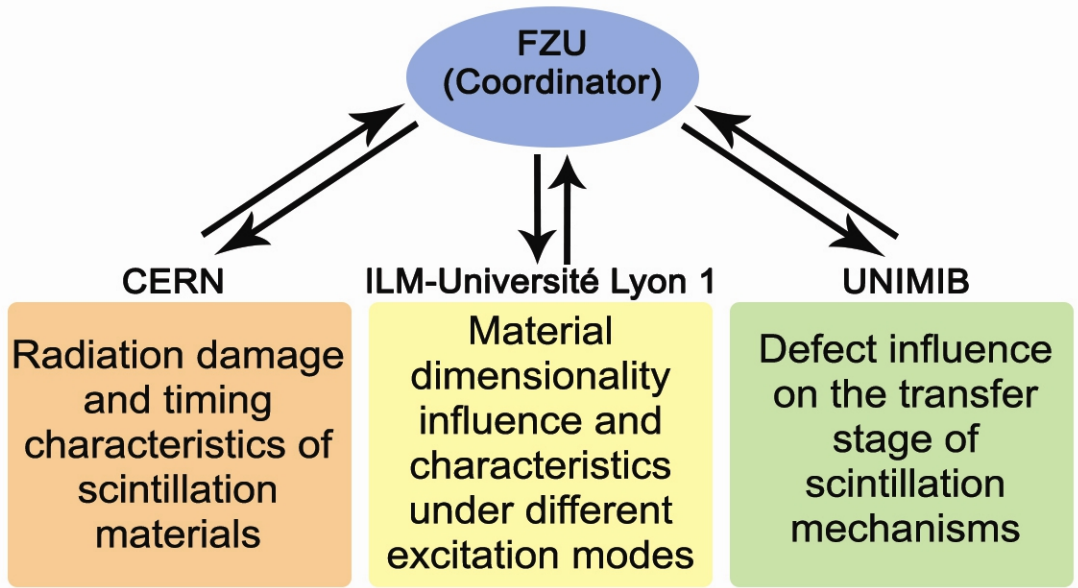
H2020-TWINN-2015



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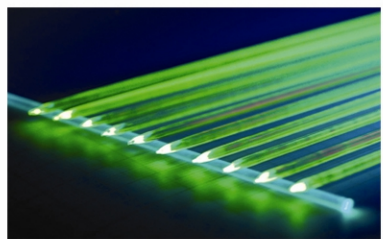
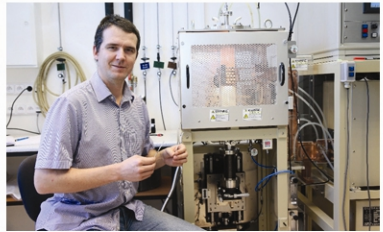
About the ASCIMAT project

The 3 year project is aimed at boosting the scientific excellence and technology-transfer capacity in advanced scintillating materials of Fyzikální ústav, ČAV, v.v.i. (FZU ) , by creating a network with the high-quality Twinning partners: European Organization for Nuclear Research (CERN ) , Institut Lumière Matière - Université Claude Bernard Lyon 1 (ILM-Université Lyon 1 ) , Università degli Studi di Milano - Bicocca (UNIMIB ) , and Intelligentsia Consultants  . The partners will implement a research and innovation strategy focused on three sub-topics:



Project Activities:

The core activities of the project comprise **bilateral staff exchanges** between FZU and each of the Twinning partners (CERN, ILM-Université Lyon1 and UNIMIB).



The partners will also organise:

- Three Summer Schools
UNIMIB (Italy, 2016)
CERN (Switzerland, 2017)
FZU (Czech Republic, 2018)
- Training workshops;
- Innovation & tech transfer trainings;
- International conference in 2018;
- Outreach activities

What is a Scintillator?

A scintillator is a material that exhibits scintillation — the property of luminescence when excited by ionizing radiation. Luminescent materials, when struck by an incoming photon or particle, absorb its energy and scintillate, (i.e., re-emit the absorbed energy in the form of light).

Consortium Partners:

