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Romania	Italy	France	UK		
					
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United Kingdom		Israel			

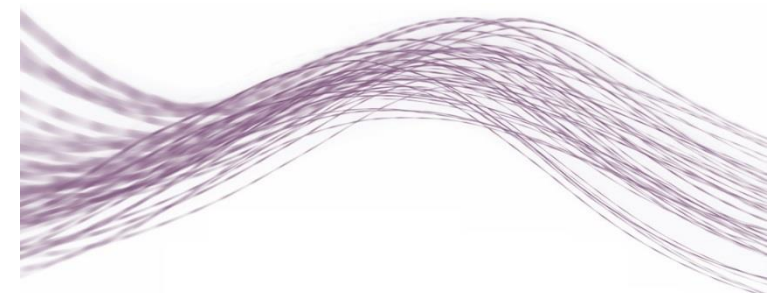


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HIGH ENERGY PHYSICS TECHNOLOGY TRANSFER NETWORK



<https://heptech.web.cern.ch>

ABOUT HEPTECH

HEPTech, as a source of technology excellence and innovation, bridges the gap between researchers and industry and accelerates the industrial process for the benefit of the global economy and wider society.

Bringing together leading European high energy physics research institutions, the HEPTech network provides academics and industry with a single point of unrivalled access to the unique skills, capabilities, technologies and R&D opportunities of the high energy physics community in a highly collaborative open-science environment.

The **scientific techniques** and **high-tech solutions** developed by high energy physics can help address a wide range of real challenges faced by industry and society - from developing more effective medical imaging and cancer diagnosis from positron emission tomography techniques, to inventing the next generation of solar panels from ultra-high vacuum technologies.

The Technology Transfer Network offers many opportunities to access the technology offer of its members or to collaborate using their service capabilities and know-how.

OBJECTIVES

HEPTech has the primary objective to enhance technology transfer from fundamental research in physics to society, and it is composed of major research institutions active in particle, astro-particle and nuclear physics.

HEPTech has been encouraged by CERN Council to continue its activities and amplify its efforts in the update of the European Strategy for Particle Physics in May 2013.

- Further Knowledge Transfer (KT) from HEP to other disciplines, industry and society ;
- Enhance Technology Transfer (TT) from fundamental research in physics to industry for the benefit of society;
- Disseminate IP, knowledge, skills and technologies across organisations and industry;
- Analyse keys to success in TT projects and make proposals for improving its effectiveness;
- Help to foster collaborations between scientists, engineers and business;
- Enable sharing best practices in KT and TT.

ACTIVITIES

Academia-Industry Matching Events (AIMEs)

Technology-themed events that provide matchmaking between Particle Physics and other research disciplines' needs, with industrial capabilities. They are the core offering of HEPTech to its members and the wider community, and the Network has an active programme in this field.

HEPTech Symposium

This annual event brings together researchers at an early stage in their careers working on potentially impactful technologies in fields related to astro, nuclear and particle physics. For one week HEPTech welcomes these Early Stage Researchers from around Europe providing an opportunity for networking with commercially experienced professionals and Technology Transfer experts developing their entrepreneurial potential.

Workshops

Through workshops we share techniques and different approaches to the common challenges of Technology Transfer.

Show and Tell

The Show and Tell events are hosted by a HEPTech member at their premises and showcase the institution's activities and tools used for Knowledge and Technology Transfer.