



SYMPOSIUM

Liverpool
Convention Centre
July 6th 2018

QUANTUM LEAP TOWARDS THE NEXT GENERATION OF ACCELERATORS

Dr Peter McIntosh

*RF & accelerator Operations Facility Group Leader,
STFC-ASTeC, UK*

"Industry opportunities in accelerator facilities"

Dr Cristina Hernández Gómez

Head of the High Power Lasers division, STFC-CLF, UK

"Laser Technology in 2025"

Dr Georg Korn

*Head of Department of Experimental Programmes and
System Engineering, ELI-Beamlines, Intl.*

"System integration in large scale research infrastructures"

Dr Paul Dumont

SourceLAB, France

"Enabling new capabilities with laser plasma technology"

A new technology has emerged that may reduce dramatically the size and cost of particle accelerators, facilitating the access of hospitals and universities to these tools and multiplying its applications.

Plasma accelerators, using high-power laser or electron beams, can generate several billion volts of electricity in a gas cell, accelerating electrons to near the speed of light in just a few millimetres.

World-renowned scientists will present research highlights on the next generation of accelerators and their enormous impact on science and society. Live streamed talks will be made available to participants from around the world.

They will be joined by scientists from the EuPRAXIA network and relevant industries who will present their innovations and share their fascination for science.

This event is free of charge - advance registration is required.

www.eupraxia-project.eu/symposium

