



SYMPOSIUM

Liverpool
Convention Centre
July 6th 2018

QUANTUM LEAP TOWARDS THE NEXT GENERATION OF ACCELERATORS

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.

Peter McIntosh
*RF & accelerator Operations Facility Group Leader,
STFC-ASTeC, UK*
"Overview of different acceleration technologies"

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.

Cristina Hernández Gómez
Head of the High Power lasers division, STFC-CLF, UK
"Laser Technology in 2025"

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.

Georg Korn
*Head of Department of Experimental Programmes and
System Engineering, ELI-Beamlines, Intl.*
"System integration in large scale research infrastructures"

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

Gilles Riboulet
Cofounder and COB of Amplitude Technologies, France
"Industry opportunities in European Plasma Accelerator"

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

Registration deadline:
May 15th 2018

www.eupraxia-project.eu/symposium

