



LASERS AND ACCELERATORS FOR SCIENCE & SOCIETY

SYMPOSIUM

Liverpool Convention Centre, June 26th 2015 (p.m.)

Dr. Ralph Aßmann
Leading Scientist at DESY, Hamburg, Germany
"Pathway from Particles to Light"

Prof. Dr. Grahame Blair
STFC Executive Director, Programmes
"Particle Accelerators – Engines of Discovery"

Prof. Dr. Brian Cox OBE FInstP FIBiol
University of Manchester, UK
"Unravelling the Secrets of the Universe"

Prof. Dr. Victor Malka
CNRS Research Director at LOA, France and two times ERC Advanced Grantee
"Lasers – Bringing Light into Research"

Prof. Dr. Katia Parodi
Ludwig Maximilians University Munich, Germany
"Accelerating Ions to Beat Cancer"

Prof. Dr. Marc J J Vrakking
Director Max Born Institute, Berlin, Germany
"Attoscience – Exploring Nature on Shortest Time Scales"

Prof. Dr. Carsten P. Welsch
oPAC and LA³NET Coordinator, University of Liverpool, UK
"Accelerating Researcher Careers"

Particle accelerators have numerous applications across many fields including fundamental research, medicine, electronics, environment and energy.

As the limits of performance are reached new methods for particle acceleration and beam optimisation are needed.

Lasers will play a key role in the development of accelerators by improving the generation of particle beams, increasing the maximum acceleration gradient, and advanced beam diagnostics methods.

World-renowned scientists will present highlights in accelerator and laser research at this Symposium and the enormous impact these tools have had on science and society.

They will be joined by Fellows from the European networks oPAC and LA³NET who will present the results of their research and share their fascination for science.

This event is now fully booked, but you can follow all presentations via webcast.

Further information:

www.opac-project.eu
www.la3net.eu