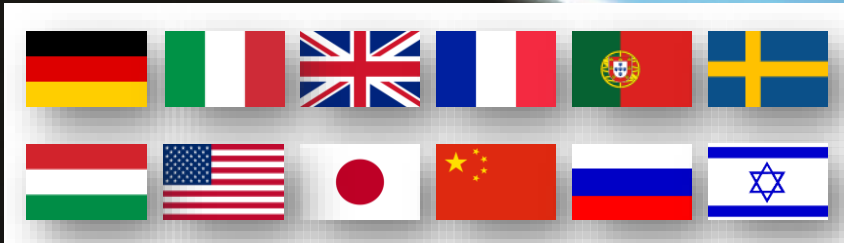


EUROPEAN  
PLASMA RESEARCH  
ACCELERATOR WITH  
EXCELLENCE IN  
APPLICATIONS



## WP8: Dissemination & Outreach

Ricardo Torres / University of Liverpool



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653782.



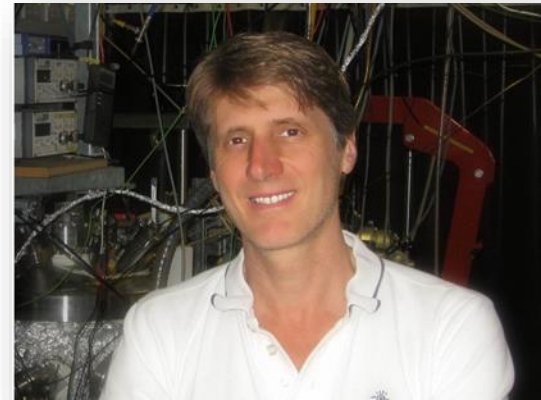
QUANTUM LEAP TOWARDS THE  
NEXT GENERATION OF ACCELERATORS

Liverpool Convention Centre – 6<sup>th</sup> July 2018

**Dr Ceri Brenner, STFC**  
Dream beams



**Prof John Tisch, Imperial College London**  
A glimpse into the science and technology  
of attosecond light sources

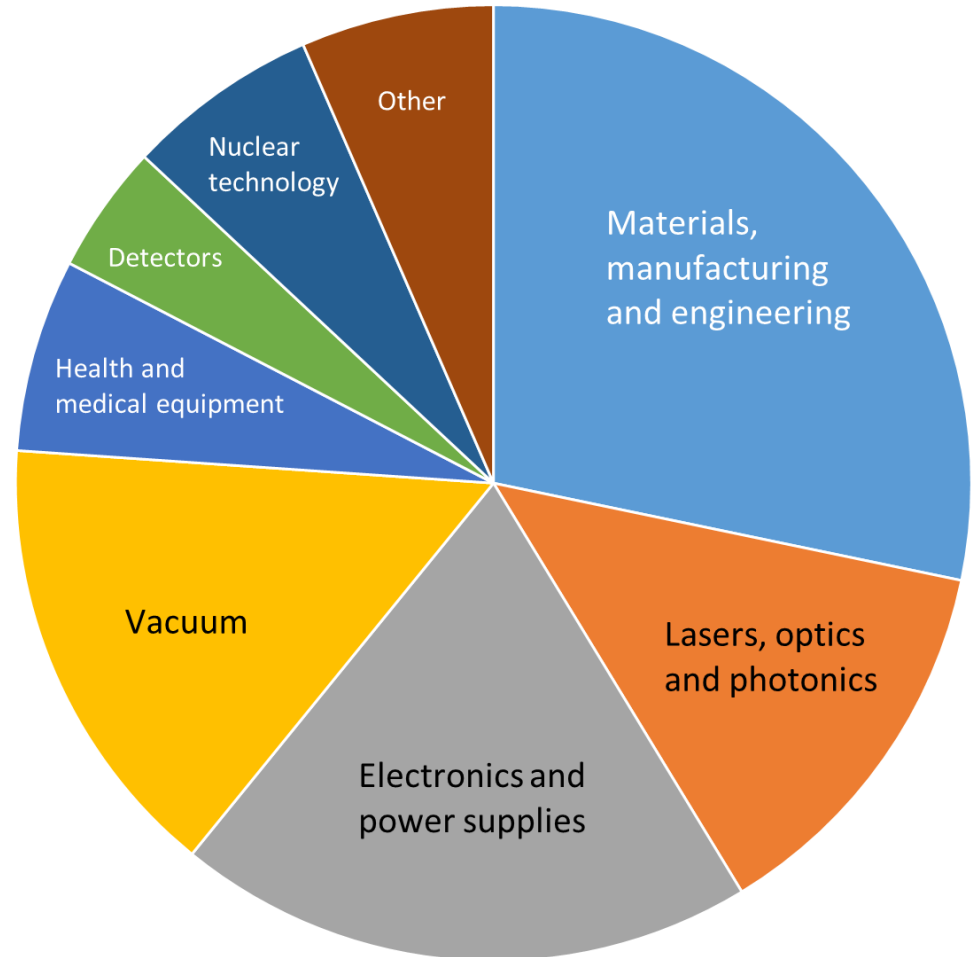


**Prof Peter Weightman, University of  
Liverpool**  
Probing the secret of life



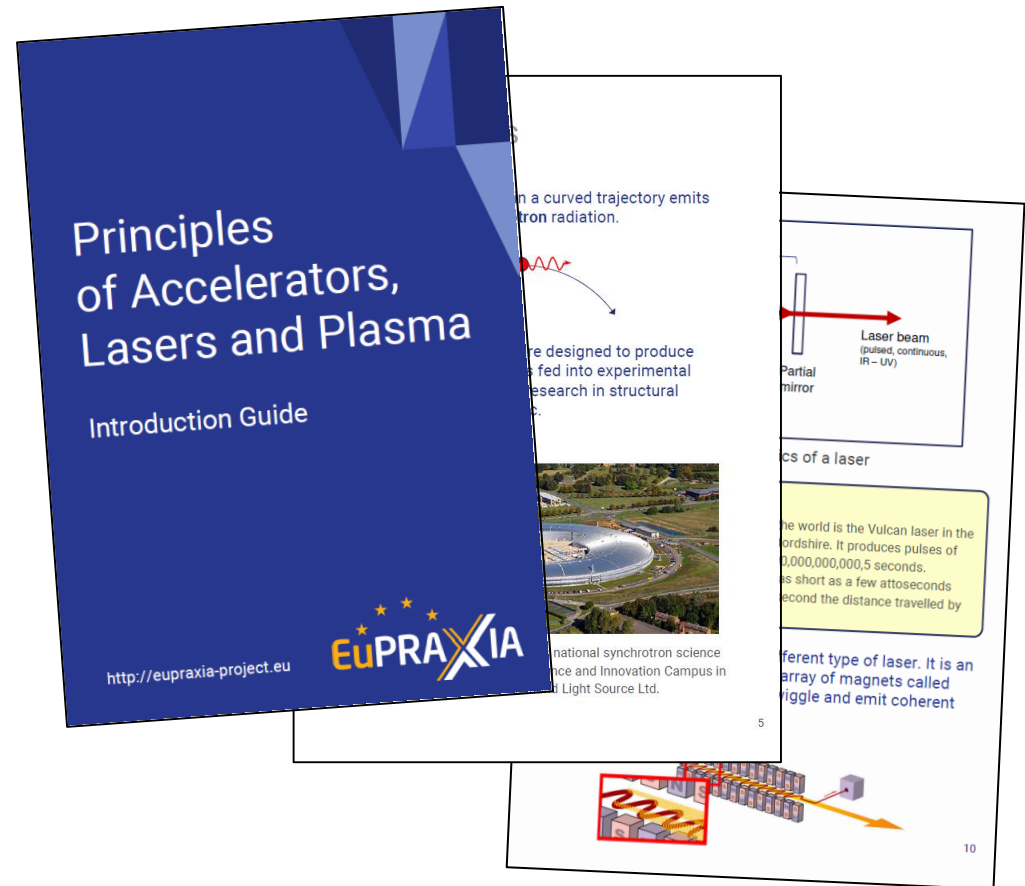
**45 companies**  
**18 exhibitors**

1. Goodfellow Cambridge
2. SourceLAB
3. Genvolt
4. Exsel Dytecnica
5. D-Beam
6. Edwards
7. H. V. Wooding
8. Lasermet
9. Leybold UK
10. MDC Vacuum
11. Okazaki
12. Pfeiffer Vacuum
13. PSL Assemblies
14. Thorlabs
15. TMD Technologies
16. TUV SUD Nuclear Technologies
17. UHV Design
18. Springer



## Hands-on demonstrations

- Waves
- Lasers and optics
- Magnets
- Electricity
- Accelerators



## Guide for schools

Go Surfin! | Instructions | The EuPRAXIA Project

**UNIVERSITY OF  
LIVERPOOL**

## Surfatron

*Catch the wave of accelerators*

**Amplitude**

cm

**Wavelength**

cm

**Frequency**

Hz

**Injection velocity**

cm/s

Phase velocity

**25.00** cm/s

Injection velocity

**10.00** cm/s

Velocity gain

**0.00** cm/s

Release

(C) Ricardo Torres, University of Liverpool / Cockcroft Institute, 2018.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant No 653782. The information herein reflects only the views of its authors and the Research Executive Agency is not responsible for any use that may be made of the information contained.

## Industry opportunities in accelerator facilities

*Prof Peter McIntosh, ASTeC, STFC*

## Laser Technology in 2025

*Dr Cristina Hernández Gómez, CLF, STFC*



## System integration in large scale research infrastructures

*Dr Georg Korn, ELI Bemlines*

## Enabling technologies in laser plasma accelerators

*Dr Paul Dumont, SourceLAB*

- High media impact
- Talks streamed live and uploaded on YouTube
- Social media campaign



#EuPRAXIA

PLEASE SEND US YOUR STORIES!