



Contribution ID: 261

Type: talk

A new advanced facility for applications of laser-driven accelerators

Monday, 16 September 2019 11:00 (30 minutes)

The Central Laser Facility at the STFC Rutherford Appleton Laboratory in the UK is now building a new laser application centre. This £81.2 M facility will use STFC's patented diode-pumped laser technology (DiPOLE) to drive plasma accelerators, producing novel particle and x-ray beams for imaging critical industrial components and biomedical systems. This application centre will build a unique innovation ecosystem with academia, industry and security communities. I will discuss the concept and design specifications of this new centre.

Primary author: PATTATHIL, Rajeev (Central Laser Facility,)

Presenter: PATTATHIL, Rajeev (Central Laser Facility,)

Session Classification: Plenary Session 2

Track Classification: Invited Plenary Talk