Centre for Advanced Photonics and Electronics
"Technology from Science"

UNIVERSITY OF CAMBRIDGE
Department of Engineering

CAPE Lecture Series:

"Photonics, Enabling the Next Revolutions"

Monday 12 October 2015
2:00pm

Seminar Room
Electrical Engineering, Dept. of Engineering
9 JJ Thomson Avenue

Speaker: Carlos Lee, Director General of EPIC

EPIC – European Photonics Industry Consortium

Everyone is welcome.

Coffee, tea and biscuits will be provided from 1:45pm.

Abstract:
Photonics is one of the six key enabling technologies recognized by the European Commission, and is well placed to address our most pressing societal challenges. There is no doubt that photonics is revolutionizing the world and will have an influence similar to the semiconductor industry. Photonics includes all technologies that use light, create light, detect light, or modify light. Photonics is having a profound impact on a very diverse range of applications such as agriculture, energy, entertainment, life science, transport, security, etc. The photonics industry is very rich in Europe with more than 5000 companies, but as an emerging industry, most of these companies are small and young.

The presentation will address a variety of topics including technology applications, markets, and opportunities for Europe with regards to manufacturing, competitiveness, industrialization, collaboration, employment, and regional economic impact.

Carlos Lee is Director General at EPIC, Europe's photonics industry association. As part of the EPIC mission, Carlos works closely with industrial photonic companies to ensure a vibrant and competitive ecosystem by maintaining a strong network and acting as a catalyst and facilitator for technological and commercial advancement.

He brings with him a strong background in microelectronics which was acquired through several management positions held at the international association SEMI. He has been responsible in Europe for the SEMI International Standards program, managed technical and executive programs, and together with the advisory board advocated for a more competitive semiconductor and photovoltaic manufacturing industry.