



November 6th, 2015

International
Year of Light
2015



Workshop on

Envisioning the horizons of photonic integration

Sala Conferenze

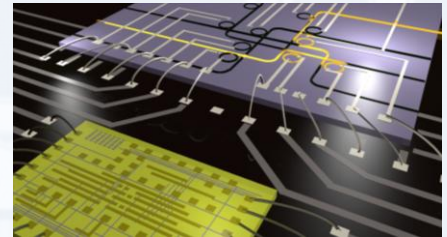
Dipartimento di Elettronica, Informazione e Bioingegneria

Politecnico di Milano

Integrated technologies enable to generate, manipulate and detect the light on small photonic chips, potentially hosting hundreds of different functions.

Yet, it is not clear what is still missing to make photonic integration penetrate disruptively into the market, and ultimately into everyday life, replacing current technologies.

Spanning across the entire production chain of integrated photonics, from technology level to packaging and control, this workshop aims to provide a broad range view, envisioning short and medium term perspectives in the photonics exploitation roadmap.



Programme

- 9.30 **Opening**, *A. Melloni*, Politecnico di Milano, Italy
- 9.40 *M. Wale*, Oclaro, UK
The beginning of a new era in Integrated Photonics
- 10.00 *G. Chiaretti*, STMicroelectronics, Italy
Silicon Photonics, technologies and markets
- 10.20 *J. L. Gentner*, III-V Lab, France
Photonic integration, merging III-V and Silicon platforms
- 10.40 *A. Cavaciuti*, Cisco Photonics, Italy
Optical interconnects: a crystal ball view

11.00-11.20 Coffee break

- 11.20 *F. Morichetti*, Politecnico di Milano, Italy
Complexity & Control: bringing integrated photonics to system level
- 11.40 *A. Vannucci*, Linkra, Italy
Photonic packaging: a multidisciplinary approach
- 12.00 *R. Ramponi*, IFN-CNR, Italy
Academia and industry together for a strong economy

12.20 Round table and final discussion