

## **Philippe DELAPORTE**

56 years old

Director of Research at C.N.R.S.

### Affiliation

Lasers, Plasmas and Photonic Processes Laboratory (LP3)

UMR 7341 CNRS - Aix-Marseille University

Pôle scientifique et technologique de Luminy, 13288 Marseille cedex 9

Tel. : 04.91.82.92.84 , Mob. : 06.15.20.46.69, e-mail : delaporte@lp3.univ-mrs.fr

### Diploma

1984 : Engineer Diploma - Ecole Nationale Supérieure de Physique de Marseille

1987 : PhD in Physics, Aix Marseille University

1997 : Habilitation à Diriger des Recherches, Aix Marseille University

### Award

1991 : Bronze Medal of C.N.R.S.

### Professional Expertise

- September 1985 – February 1987: Ph.D. Student with a CNRS grant
- March 1988 – August 2003: ‘Chargé’ of research at C.N.R.S.
- Since September 2003: Director of research at C.N.R.S.
- Sept. 1991 – Sept. 1992: Researcher at the Canadian National Research Center (Ottawa).

### Main activities and functions linked to research

- Director of LP3 laboratory since January 2012
- Coordinator of the interdisciplinary research activities in ‘Sciences and Advanced Technologies’ of Aix-Marseille University
- Vice-President of competitiveness cluster in Photonics and Imaging ‘OPTITEC’
- Member of the Board of Stakeholders of the European Cluster Photonics21
- Member of the strategic council of the Regional Cluster in Microelectronics ‘ARCSIS’
- Experts for national and international projects.
- Reviewer for most of the laser or material related scientific journals
- Coordinator of a FP7 European project on laser for organic electronics (e-LIFT)

### Conferences: organization of and participation to scientific committees (2012-2017)

- Member of the scientific committee of international conferences as ‘European Material Research Science’ (EMRS), Laser Precision Microfabrication (LPM), Conference on Laser Ablation (COLA), International Conference on Photo-Excited Processes and Applications (ICPEPA), International conference on Advanced Laser Technologies (ALT), Lasers in Manufacturing (LiM),
- Co-Organization of the workshop ‘Laser technologies for Organic Electronics’ of the Int. Symp. on Flexible Organic Electronics (ISFOE), Thessaloniki, Greece, (2012 – 2016).
- Co-Organization of the international conference ‘Innovative Printed Smart Objects’ (IPSO), Gardanne, France, (2012 – 2016).
- Co-Organization of the 22<sup>th</sup> international conference on Advanced Laser Technologies (ALT’14) - 6-10 October 2014, Cassis, France
- Co-Organization of the symposium ‘Laser and plasma processing for advanced applications in material science’ of the EMRS 2015 conference, Lille, 11-15 may 2015
- Organization of a special session on ‘Near-Field Nanopatterning’ at the LPM2015 conference (16<sup>th</sup> Int. Symp. on Laser Precision Microfabrication), Kytakyushu, Fukuoka, Japon, 26-29 May, 2015

- Chairman of the session 'Micro-joining' of the conference 'Lasers in Manufacturing', Munich, Germany, 22-25 June 2015
- Chairman of the COLA 2017 conference, 3-8 September 2017, Marseille, France

#### **Main scientific interests**

- Laser-matter interaction in short pulse duration regime
- Laser – particle interaction; particle removal; particle generation
- Surface nano-structuration by laser and applications to nanotechnologies
- Laser printing (LIFT) and related applications

#### **Scientific production (H-index of 21 - 1900 citations)**

- 150 articles published in international journals with peer review
- 5 chapters of books
- 109 articles published in conferences proceedings,
- 86 invited conferences (5 plenaries)
- 350 presentations in national and international conferences,