

# NanoBio

International Conference on Nanotechnologies and Bionanoscience



## 1<sup>st</sup> International Conference on Nanotechnologies and Bionanoscience

24-28  
SEP  
2018

### ABOUT

The 1<sup>st</sup> International conference on Nanotechnologies and Bionanoscience (NanoBio 2018) – aims to capitalize on the rapid growing and interconnected fields of Nanotechnology and Bioscience, drawing in and providing an interdisciplinary forum for scientists and engineers from academia and industry. Among the main objectives is to discuss on the forefront of research and to address the theory, design and development of advanced materials and nanotechnologies in relation to the field of energy and health applications.

The conference comprises six Workshops:

**WORKSHOP 1:** Nanobiomaterials and Nanomedicine

**WORKSHOP 2:** Perovskite optoelectronics and solar cells

**WORKSHOP 3:** Tissue Engineering and Regenerative Medicine

**WORKSHOP 4:** Graphene and related two-dimensional (2D) materials

**WORKSHOP 5:** Nanoelectronics and nanophotonics

**WORKSHOP 6:** Bioelectronics and lab-on-chip systems

### PLENARY SPEAKERS

**Prof. Andrea Ferrari**, Cambridge Graphene Centre, Cambridge, UK

**Prof. Michael Gratzel**, Ecole Polytechnique Fédérale de Lausanne, France

**Prof. Ali Khademhosseini**, C-MIT (Center for Minimally Invasive Therapeutics), UCLA, USA

**Prof. Paul S. Weiss**, Materials Science & Engineering, University of California, USA

### INVITED SPEAKERS

Cinzia Casiraghi, University of Manchester, UK  
Juan-Pablo Correa-Baena, MIT, USA  
Annamaria Petrozza, IIT, Italy  
Yulia Galagan, TNO/Holst, Netherlands  
Sophia Antimisianis, University of Patras, Greece  
Anna Mitraki, University of Crete (UoC), Greece  
Aldo di Carlo, University of Vergata, Italy  
Monica Lira-Cantu, ICN2, Spain  
Filippo De Angelis, ISTM/CNR, Italy  
Francesco Bonaccorso, IIT, Italy  
Paolo Samori, University Strasbourg, France  
Feliciano Guistino, University Oxford, UK  
Costas Galiotis, ICE-HT/FORTH, Greece  
Paolo Bondavalli, Thales, France  
Paul Mcmillan, UCL, UK  
Lefteris Lidorikis, University Ioannina, Greece  
Panos Patsalas, AUTH, Greece  
Martyn McLachlan, Imperial College London, UK  
Thomas Anthopoulos, KAUST, Saudi Arabia  
Aditya Mohite, Los Alamos Lab, USA  
George Malliaras, University of Cambridge, UK

Insung S. Choi, KAIST, Republic of Korea  
Christophe Bernard, Inserm/Aix-Marseille Université, France  
Ali Tamayol, University of Nebraska, Lincoln, USA  
Antonios Kanaras, University of Southampton, UK  
Aram Amassian, KAUST, Saudi Arabia  
Xinliang Feng, TU Dresden, Germany  
Mario Silveirinha, University of Lisbon, Portugal  
Andrey Turchanin, Friedrich Schiller University Jena, Germany  
Antonio Abate, Helmholtz-Zentrum, Germany  
Trystan Watson, Swansea University, UK  
Stelios A. Choulis, Cyprus University of Technology, Cyprus  
Ioannis Remediakis, University of Crete, Greece  
Stavroula Sofou, Rutgers University, USA  
Roisin Owens, University of Cambridge, UK  
João Mano, University of Aveiro, Portugal  
Rena Bizios, UTSA, USA  
Costas Charitidis, NTUA, Athens, Greece  
Kenneth A. Dawson, University College Dublin, Ireland  
Achilleas Gravanis, University of Crete & FORTH, Greece  
Yiota Poirazi – IMBB/FORTH, Greece

### Chairmen:

Dr. Emmanuel Stratakis, IESL/FORTH, Greece  
Prof. Emmanuel Kymakis, TEI of Crete, Greece

### Local Organizing Committee (IESL/FORTH, Greece):

Dr. Minas Stylianakis, TEI of Crete, Greece  
Dr. Paraskevi Kavatzikidou, IESL/FORTH, Greece  
Dr. Anthi Ranella, IESL/FORTH, Greece  
Dr. Kostantinos Petridis, TEI of Crete, Greece

For more information please visit the website <https://nanobioconf.com>