








## Università di Milano Bicocca – Milano, Italy

The Conference NANO-DAY, in the occasion of its 4th edition, is moving from Parma (the historical birth-place) to the more cosmopolitan city of Milano. However, the main features of the Conference will remain intact:

-  No registration fee (but registration is required)
-  Maximum space dedicated to presentations of young researchers
-  Two parallel sessions encompassing the main subjects of nanosciences: (1) Nano in Life Sciences and (2) Nano in Physics Chemistry and Technology
-  Four plenary lectures by leading scientists, illustrating the future of nanosciences research
-  Eight miniplenary lectures to introduce the subjects of each Session (1 and 2) in which the Conference is organized

### Organising Committee:

**Prof. Nelson Marmioli – Director of CINSA, Consorzio Interuniversitario Nazionale per le Scienze Ambientali**

**Prof. Lanfranco Masotti – President of Consorzio Italtbiotec**

**Prof. Maurizio Filippo Acciarri – University of Milano Bicocca**



## ABSTRACT DEADLINE

SEPTEMBER 23<sup>RD</sup>, 2019

SEND ABSTRACTS TO  
NANODAYIV@UNIMIB.IT



ABSTRACT TEMPLATE  
AVAILABLE AT  
WWW.ITALBIOTEC.IT



PLEASE INDICATE ORAL  
OR POSTER PRESENTATION



CONSULT LIST OF PARALLEL  
SESSIONS IN BACK PAGE

## VENUE

UNIVERSITA' MILANO  
BICOCCA  
Piazza dell'Ateneo Nuovo 1  
20126 Milano  
ITALY

## PRELIMINARY PROGRAMME

<b>DEC 11<sup>TH</sup> - MORNING</b>	Registration Welcome Round Table "Nanomaterials and Nanotechnology in Life Sciences and Technologies" Location (different from University Milano Bicocca) to be announced
<b>DEC 11<sup>TH</sup> - AFTERNOON</b>	All posters are exhibited Plenary Lecture 1 - L. Miglio Topic: from Science and Technology Session 1- Life Sciences 1: "Nanotechnologies and nanomaterials in agriculture and food production" (in association with SIMBA H2020 project) Miniplenary lecture - SIMBA Coordinator "Sustainable innovation of microbiome application through nanotechnology" 6 oral presentations Session 2- Physics Chemistry and Technology 1: "New materials for nanotechnologies" (synthesis, testing, characterisation) Miniplenary lecture - M. Iafisco "New approaches for producing engineered nanomaterials" 6 oral presentations Poster Session
<b>DEC 12<sup>TH</sup> - MORNING</b>	Plenary Lecture 2 - B. Fadeel "Identification and characterization of molecular and biochemical processes that are induced by exposure to engineered nanomaterials" Session 1- Life Sciences 2: "Nanotechnologies and nanomaterials for human and animal health" (pharmaceutical and medical applications) Miniplenary lecture - F. Cubadda "Nanotechnologies and nanomaterials in public health" 6 oral presentations Session 2- Physics Chemistry and Technology 2: "Sensors from nanotechnologies and new nanomaterials" Miniplenary lecture - A. Zappettini "New sensors for innovative applications" 6 oral presentations
<b>DEC 12<sup>TH</sup> - AFTERNOON</b>	Plenary Lecture 3 - D. Prosperi "Nano-bio-technology researches for human (and environmental) health safety" Session 1- Life Sciences 3: "Nanotechnologies and nanomaterials for different environments" (risk assessment, monitoring and remediation) Miniplenary lecture - J. White "Nanotechnologies and nanomaterials for environment and food safety" 6 oral presentations Session 2- Physics Chemistry and Technology 3: "New industrial processes and products based on nanotechnologies and nanomaterials" (including new energy sources) Miniplenary lecture - TBD "Nanotechnology for energy" 6 oral presentations Poster Session
<b>DEC 13<sup>TH</sup> - MORNING</b>	Plenary Lecture 4 - J. Gardea-Torresdey Topic: Nanobiotechnology Session 1- Life Sciences 4: "Nanotechnologies and nanomaterials to expand biotechnology and promote business" (industrial nanobiotechnology and marketing its products) Miniplenary lecture - TBD "Nanotechnologies and nanomaterials: business perspective" 6 oral presentations Session 2- Physics Chemistry and Technology 4: "Safer nanotechnologies and nanomaterials for the future" (planning, using, safe by design, marketing safer nanotechnologies) Miniplenary lecture - J. M. Riego Sintes "Regulatory aspects of nanomaterials safety" 6 oral presentations Poster Session
<b>DEC 13<sup>TH</sup> - AFTERNOON</b>	Job Day "Where Industry meets with researchers" Presentation from selected companies Companies meet young researchers
<b>DEC 14<sup>TH</sup> - MORNING</b>	Organisers' comments Report on Session 1 Report on Session 2 Poster awards and Presentation awards Conclusion of the Organising Committee

## CONTENTS OF THE CONFERENCE

A platform for presentation of the latest achievements of young researchers in the field of (1) nanotechnology and nanomaterials in Life Sciences (Medicine, Pharmacy, Biotechnology, Food and Agriculture, Environment), and (2) nanotechnology and nanomaterials in Physics, Chemistry and Technology (sensors, new materials, technological applications, energy, design and safety)

## SCIENTIFIC ADVISORY COMMITTEE

Alvise Benedetti, Univ. Ca' Foscari Venezia - ITALY  
Giovanni Bernardini, Univ. Insubria - ITALY  
Rossella Dorati, Univ. Pavia - ITALY  
Claudio Evangelisti, CNR ISTM - ITALY  
Giuseppe Gallo, Univ. Palermo - ITALY  
Jorge Gardea-Torresdey, Univ. Texas El Paso - USA  
Cristina Gonnelli, Univ. Firenze - ITALY  
Arturo A. Keller, Univ. California - USA  
Loredana Latterini, Univ. Perugia - ITALY  
Elena Maestri, Univ. Parma - ITALY

Paride Mantecca, Univ. Milano Bicocca - ITALY  
Marta Marmioli, Univ. Parma - ITALY  
Monika Mortimer, UCSB Natural Reserve System - USA  
Laura Polito, CNR ISTM - ITALY  
Luca Prodi, Alma Mater Studiorum Univ. Bologna - ITALY  
Rosaria Rinaldi, Univ. Salento - ITALY  
Ana Maria Rincon, EFSA Parma - ITALY  
Greta Varchi, CNR ISOF - ITALY  
Jason C. White, Connecticut Agr. Experim. Station - USA  
Andrea Zappettini, CNR IMEM - ITALY

**For information: [cinsa@unipr.it](mailto:cinsa@unipr.it) / [presidenza@italbiotec.it](mailto:presidenza@italbiotec.it) / [nanodayiv@unimib.it](mailto:nanodayiv@unimib.it)**  
**Updated information available on website [www.italbiotec.it](http://www.italbiotec.it)**