






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 Italtotec

Prof. Maurizio Filippo Acciarri – University of Milano Bicocca



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NEW DEADLINE 31.10.2019

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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

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| DEC 11TH - MORNING | Registration Welcome Round Table "Nanomaterials and Nanotechnology in Life Sciences and Technologies" Location (different from University Milano Bicocca) to be announced |
| DEC 11TH - AFTERNOON | 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 |
| DEC 12TH - MORNING | 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 |
| DEC 12TH - AFTERNOON | Plenary Lecture 3 - D. Prosperi "Critical issues in the clinical translation of nanobiotechnology research and future directions of nanomedicine" 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 |
| DEC 13TH - MORNING | 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 |
| DEC 13TH - AFTERNOON | Job Day "Where Industry meets with researchers" Presentation from selected companies Companies meet young researchers |
| DEC 14TH - MORNING | 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)

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