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VENUE

UNIVERSITA' MILANO  
BICOCCA

Piazza dell'Ateneo Nuovo 1  
20126 Milano, ITALY

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Andrea Zappettini, CNR IMEM - ITALY

## 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 Marmiroli** – Director of Cinsa, Consorzio Interuniversitario  
Nazionale per le Scienze Ambientali

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

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



## Preliminary Programme

|   |   |                                       |
|---|---|---------------------------------------|
| <b>Registration</b><br><b>Welcome</b>   |   | <b>December 11<sup>th</sup>, 2019</b> |
|  <b>Round Table “Nanomaterials and Nanotechnology in Life Sciences and Technologies”</b>   |   |                                       |
| Location (different from University of Milano Bicocca) to be announced  |   |                                       |
|  <b>Plenary Lecture 1 – Invited speaker</b><br><b>Topic: from Science to Technology</b>  |   |                                       |
| <b>Session I - Life Sciences</b><br>“Nanotechnologies and nanomaterials in agriculture and food production”<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations (in association with SIMBA H2020 project)                             | <b>Session II - Physics Chemistry and Technology</b><br>“New materials for nanotechnologies” (synthesis, testing, characterisation)”<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations  |                                       |
| <b>Poster Session</b>   |   |                                       |
|   |   | <b>December 12<sup>th</sup>, 2019</b> |
|  <b>Plenary Lecture 2 – Invited speaker</b><br><b>Topic: Identification and characterization of molecular and biochemical processes that are induced by exposure to engineered nanomaterials</b> |   |                                       |
| <b>Session I - Life Sciences</b><br>“Nanotechnologies and nanomaterials for human and animal health” (pharmaceutical and medical applications)<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations                                    | <b>Session II - Physics Chemistry and Technology</b><br>“Sensors from nanotechnologies and new nanomaterials”<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations   |                                       |
|  <b>Plenary Lecture 3 – Invited speaker</b><br><b>Topic: Critical issues in the clinical translation of nanobiotechnology research and future directions of nanomedicine</b>                     |   |                                       |
| <b>Session I - Life Sciences</b><br>“Nanotechnologies and nanomaterials for different environments” (risk assessment, monitoring and remediation)<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations                                 | <b>Session II - Physics Chemistry and Technology</b><br>“New industrial processes and products based on nanotechnologies and nanomaterials” (including new energy sources)<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations            |                                       |
| <b>Poster Session</b>   |   |                                       |
|   |   | <b>December 13<sup>th</sup>, 2019</b> |
|  <b>Plenary Lecture 4 – Invited speaker</b><br><b>Topic: Nanobiotechnology</b>   |   |                                       |
| <b>Session I - Life Sciences</b><br>“Nanotechnologies and nanomaterials to expand biotechnology and promote business” (industrial nanobiotechnology and marketing its products)<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations   | <b>Session II - Physics Chemistry and Technology</b><br>“Safer nanotechnologies and nanomaterials for the future” (planning, using, safe by design, marketing safer nanotechnologies)<br>Miniplenary lecture – Invited speaker<br>Introduction to the session<br>6 oral presentations |                                       |
| <b>Poster Session</b>   |   |                                       |
|  <b>Job Day “Where Industry meets with researchers”</b>  |   |                                       |
| Presentation from selected companies  |   | Companies meet young researchers      |
|   |   | <b>December 14<sup>th</sup>, 2019</b> |
|  <b>Conclusions and perspectives</b>   |   |                                       |
| Comments from the Organising Committee  |   |                                       |
|  <b>Poster awards and Presentation awards</b><br><b>Conclusion of the Organising Committee</b>   |   |                                       |

### Invited Speaker Confirmed

Leonida Miglio, Univ. Milano Bicocca - ITALY  
Bengt Fadeel, Karolinska Institutet - SWEDEN  
Andrea Zappettini, CNR IMEM - ITALY  
Jason C. White, CAES- USA  
Luca Prodi, Univ. Bologna - ITALY  
Isabella De Angelis, ISS - ITALY

Michele Iafisco, CNR ISTEC - ITALY  
Francesco Cubadda, ISS - ITALY  
Davide Prosperi, Univ. Milano Bicocca - ITALY  
Agnieszka Mech, European Commission  
Flavia Barone, ISS - ITALY  
Cristina Leone, Leonardo SpA, CTN Aerospazio - ITALY

Updated information available on [www.cinsa.unipr.it/index.php/it/component/content/article/15-news/74-nano-day-iv](http://www.cinsa.unipr.it/index.php/it/component/content/article/15-news/74-nano-day-iv)  
Registration on <https://nanodayiv.eventbrite.it>