

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





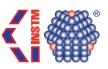


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VENUE UNIVERSITA' MILANO BICOCCA

Piazza dell'Ateneo Nuovo 1 20126 Milano, ITALY

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Preliminary Programme

Registration Welcome December 11th, 2019

Round Table "Nanomaterials and Nanotechnology in Life Sciences and Tecnologies'

Location (different from University of Milano Bicocca) to be announced

Plenary Lecture 1 – Invited speaker Topic: from Science to Technology

Session I - Life Sciences

"Nanotechnologies and nanomaterials in agriculture and food production"

Miniplenary lecture - Invited speaker Introduction to the session

6 oral presentations

(in association with SIMBA H2020 project)

Session II - Physics Chemistry and Technology

"New materials for nanotechnologies" (synthesis, testing, characterisation)"

Miniplenary lecture - Invited speaker

Introduction to the session

6 oral presentations

Poster Session

December 12th, 2019

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Plenary Lecture 2 - Invited speaker
Topic: Identification and characterization of molecular and biochemical processes that are induced by
exposure to engineered nanomaterials

Session I - Life Sciences

"Nanotechnologies and nanomaterials for human and animal health" (pharmaceutical and medical applications)

Miniplenary lecture - Invited speaker Introduction to the session

6 oral presentations

Session II - Physics Chemistry and Technology

"Sensors from nanotechnologies and new nanomaterials"

Miniplenary lecture - Invited speaker

Introduction to the session

6 oral presentations

Plenary Lecture 3 - Invited speaker

Topic: Critical issues in the clinical translation of nanobiotecnology research and future directions of nanomedicine

Session I - Life Sciences

"Nanotechnologies and nanomaterials for different environments" (risk assessment, monitoring and remediation)

Miniplenary lecture - Invited speaker

Introduction to the session

6 oral presentations

Session II · Physics Chemistry and Technology

"New industrial processes and products based on nanotechnologies and nanomaterials" (including new energy sources)

Miniplenary lecture - Invited speaker Introduction to the session

6 oral presentations

Poster Session

December 13th, 2019

Plenary Lecture 4 - Invited speaker

Topic: Nanobiotechnology

"Nanotechnologies and nanomaterials to expand biotechnology and promote business" (industrial nanobiotechnology and marketing its products)

Session I - Life Sciences

Miniplenary lecture - Invited speaker Introduction to the session

introduction to the sessi

6 oral presentations

Session II - Physics Chemistry and Technology

"Safer nanotechnologies and nanomaterials for the future" (planning, using, safe by design, marketing safer nanotechnologies)

Miniplenary lecture - Invited speaker

Introduction to the session

6 oral presentations

Poster Session

Job Day "Where Industry meets with researchers"

Presentation from selected companies

Companies meet young researchers

December 14th, 2019

35

Conclusions and perspectives

Comments from the Organising Committee

Poster awards and Presentation awards Conclusion of the Organising Committee

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