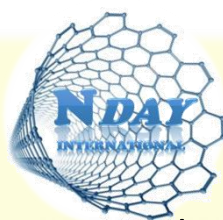


Organizers

Institutional Partner



Prof. NELSON MARMIROLI
Director of CINSA



Prof. LANFRANCO MASOTTI
President of Consorzio Italtiotec

AULA MAGNA - UNIVERSITA' MILANO BICOCCA
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ASSOCIAZIONE ITALIANA PER LA RICERCA INDUSTRIALE



International Phytotechnology Society

NANO-DAY IV

11th - 14th DECEMBER 2019

8:30-9:30 Welcome coffee and REGISTRATION

9:30-10:00 Opening of the Conference – Welcome of the organisers and authorities

10:00 – 12:00

December 11, 2019

Round Table 'Nanotechnologies in Life Sciences and Technology'

Round Table Director
Vittoriano Zanolli, La Provincia di Cremona

Speakers
Fabrizio Sala, Vicepresidente Regione Lombardia
Flavia Barone, Istituto Superiore Sanità
Mario Bonaccorso, ASSOBIOTEC - FEDERCHIMICA

Andrea Caneschi, Direttore Consorzio INSTM
Dario Dalla Vedova, CONI
Mauro Varasi, Gruppo Leonardo (Finmeccanica)

14:30 – 18:30

Plenary Lecture 1 – From Science to Technology

Leo Miglio (Univ. Milano Bicocca)

Parallel Session 1A

Nanotechnologies and nanomaterials in agriculture and food production
(in association with SIMBA H2020 project)

Mini Plenary lecture – Sustainable innovation of microbiome applications in the food system, Anne Pihlanto (LUKE, Finland)

7 oral presentations

Parallel Session 2A

New materials for nanotechnologies
(synthesis, testing, characterisation)

Mini Plenary lecture – Tailoring the chemistry of bioceramic nanoparticles for unconventional applications, Michele Iafisco (CNR ISTECC, Faenza)

7 oral presentations

Poster Session A

8:30 – 12:00

December 12, 2019

Plenary Lecture 2 – Nanotoxicology: focus on the impact of metal and metal nanoparticles

Bengt Fadeel (Karolinska Inst., Svezia)

Parallel Session 1B

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

Mini Plenary lecture – Towards the Risk Governance of Nanotechnologies: the ISS Multidisciplinary Unit, Isabella De Angelis (ISS, Roma)

7 oral presentations

Parallel Session 2B

Sensors from nanotechnologies and new nanomaterials

Mini Plenary lecture – Integrated and distributed sensors for the IOT, Nicola Coppède (IMEM-CNR, Parma)

7 oral presentations

Poster Session B

14:30 – 18:30

Plenary Lecture 3 – Critical issues in the clinical translation of nanobiotechnology research and future directions of nanomedicine

Davide Prosperi (Univ. Milano Bicocca)

Parallel Session 1C

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

Mini Plenary lecture – Toxicity of Metal-Based ENM in Crops and Their Impact on Global Food Security and Safety, Om Parkash Dhankher (Univ. Massachusetts, USA)

7 oral presentations

Parallel Session 2C

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

Mini Plenary lecture – Regulatory aspects of nanomaterials issue: towards safe, sustainable and responsible innovation, Agnieszka Mech (European Commission)

7 oral presentations

Poster Session B

8:30 – 12:00

December 13, 2019

Plenary Lecture 4 – Elucidating crop plant response to engineered nanomaterials using metabolomics and proteomics

Arturo Keller (Univ. California, USA)

Parallel Session 1D

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

Mini Plenary lecture – Nanotechnology in agriculture: Balancing applications and implications, Jason C. White (CAES, USA)

7 oral presentations

Parallel Session 2D

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

Mini Plenary lecture – Dye doped Silica nanoparticles as organized systems for nanomedicine, Luca Prodi (Univ. Bologna)

7 oral presentations

Poster Session C

14:00 – 18:00

Job day – Where Industry meets with researchers

Presentations from Companies of Nano sector - selected abstracts
Position Paper – Update on the EFSA NanoGuidance, Application of nanotechnologies in the agri-food sector: assessment of risks to human health, Francesco Cubadda (ISS, Roma)

Companies meet with young researchers
Short presentations and face to face meetings

8:30 – 12:00

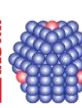
December 14, 2019

Conclusion

Reporting on sessions from the Scientific Committee
Presentation from organizers

Best poster and best oral presentations - Special Elsevier AWARDS
Conclusion - Where we go from here, Nelson Marmiroli (CINSA)
Conclusion - Nelson Marmiroli, Lanfranco Masotti, Filippo M. Acciarri

Sponsor:



Special contribution:
SIMBA
Sustainable Nanotechnology Organization

Empowering Knowledge