Useful information about oral presentations, poster exhibition, awards and Job Day are available at:
http://www2.bioscienze.unipr.it/nano-day/

Venue
Centro congressi
Aule delle Scienze (Pad. 25)
Campus delle Scienze e delle Tecnologie
Parco Area delle Scienze, 43124 Parma

Contact: nanoday@unipr.it
@ParmaNanoDay

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3rd “PARMA” NANO-DAY
THE EVENT THAT BRINGS TOGETHER STUDENTS, RESEARCHERS, ENTERPRISES

July 12-14, 2017

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ORGANIZERS

Prof. Nelson Marmiroli - Dept. SCVSA, UniPR
Dr. Salvatore Iannotta - IMEM-CNR, Parma
Wednesday, 12 July

08:30  Registration (registration area)

09:00  Introduction of the organizers (concert hall)
  Prof. Nelson Marmiroli (UniPR) and Dr. Salvatore Iannotta (IMEM-CNR)
  Authorities welcome and remarks

09:30  Round Table. "Technologies and Sustainable development"

Organizer
Prof. Nelson Marmiroli
Moderator
Vittoriana Zanotti - Direttore, "La Provincia" di Cremona e Crema
Speakers
Prof. Giovanni Franceschini - Rettore Vicario, UniPR
Dr. Simona Caselli - Assessore all'agricoltura, caccia e pesca, Regione E-R
Dr. Polina Costi - Assessore alla attività produttiva, Regione E-R
Dr. Flavia Barone - Istituto Superiore di Sanità, Roma
Dr. Alberto Manno - Ministero delle Politiche Agricole Alimentari e Forestali (MIPAAF)
Dr. Andrea Pontremoli - Dallara S.p.A., Parma
Prof. Paola Ceson - IDPA-CNR, Venezia
Dr. Lanfranco Masotti - Presidente, Consorzio Italbiotec, Milano
Dr. Francesco Paolo Ausiello - Direttore Tecnico, ASTER
Prof. Antonio D'Aloia - Direttore Centro Bioetica, UniPR

13:00  Lunch break

14:00  Poster exhibition (poster area)

14:30  Job Day (congress hall and industry dedicated area, 1st floor)
  "Industries meet students and young researchers"

Moderator
Prof. Sara Rainieri (UniPR)

16:30  Project Session (concert hall)

Moderators
Prof. Enrico Dalcanale (INSTM) and Dr. Salvatore Iannotta (IMEM-CNR)
Projects
SUPANANO – Prof. Enrico Dalcanale (INSTM)
INTENSE – Prof. Elena Maestri (UniPR)
TERMOREF – Prof. Francesco Basile (CIRI EA, UniPR)
NanoFun – Prof. Anna Painelli (UniPR)
SUPERSTORY – Dr. Stefano Zauli Sajani (Center for Environment and Health, ARPA E-R)
Smart-PV – Dr. Massimo Mazzer (IMEM-CNR)
Refrigera Magnentica – Dr. Simone Fabbrici (MIST E-R) and Dr. Franca Albertini (IMEM-CNR)

Thursday, 13 July

08:30  Registration (registration area)

Session I. Technologies and Applications (concert hall)
Chairman: Prof. Roberto De Renzi (UniPR) and Prof. Rinaldo Garziera (UniPR)

08:00  Plenary lecture - Dr. Ciro Chiappini (King's College London, UK).
  Engineering high aspect ratio nanostructures to direct cell fate

08:25  Oral Communication - Prof. Daniele Pontiroli (UniPR).
  Carbon Nanostructures for Energy Applications

08:40  Oral Communication - Dr. Simone Fortunati (UniPR).
  Amperometric genosensor based on PNA probes implanted on carbon nanotubes-modified screen printed electrodes

08:55  Oral Communication - Dr. Valeria Caponetti (UniBO).
  Fluorescent nanoaggregates by self-assembly of amphiphilic perylene bisimides for sensing pH and anions in water

10:10  Oral Communication - Prof. Rosaria Rinaldi (IMEM-CNR).
  Multi-shape hydrogel-nanostructures: microfluidic-assisted approach

10:25  Oral Communication - Dr. Carlo Molardi (UniPR).
  Design of micro-structured fiber for improved high power laser operation

10:40  Oral Communication - Dr. Carlotta Peruzzi (IMEM-CNR).
  Full plastic organic electrochemical transistors with graphene-metal nanoparticle composites as gate electrodes: a benchmark towards the intrinsic selectivity

11:00  Coffee break

11:20  Invited speaker - Prof. Luca Vicinetti (UniMORE).
  Microstructured Fibers for label-free DNA detection

11:40  Poster Presentation Session A. Technologies, Chemistry and Physics (concert hall)
Chairmen: Prof. Maria Careeri (UniPR) and Dr. Andrea Zappettini (IMEM-CNR)

13:00  Lunch break

13:45  Poster vision and evaluation (poster area)

Session II. Regulation and Economics (concert hall)
Chairmen: Prof. Luca Di Nella (UniPR) and Dr. Soren Bowadt (King's College London, UK).

14:30  Plenary lecture - Dr. Soren Bowadt (European Commission, DG Research & Innovation)

15:00  Miniplenary - Prof. Daniele Ruggiu (UniPR).
  Towards a overall regulation of nanotechnologies: is the devil in the detail?

15:20  Invited speaker - Dr. Donia Esposito (ISPRA, Roma).
  Nanomaterials and EU Regulation on Chemicals. Approach to the environmental risk assessment

15:35  Invited speaker - Prof. Cesare Galli (UniPR).
  IP Protection of Nanotechnology: Patents Vs Open Source - Pros and Cons

15:50  Oral Communication - Dr. M. C. Erizzo and Dr. M. Tempesta (UniPR).
  The Nanotechnologies in the food sector: the European regulation

16:05  Short Communication - Prof. Elena Maestri (UniPR).
  Nanotechnologies in agri-food: lessons learned from transgenic organisms

16:15  Coffee break

16:40  Poster Presentation Session B. Medicine, Health, Drugs and Veterinary Medicine (concert hall)
Chairmen: Prof. Ruggero Bettini (UniPR) and Prof. Giorgio Dieci (UniPR)

Friday, 14 July

08:30  Registration (registration area)

Session III. Agri-food, Environment and Biotechnologies (concert hall)
Chairmen: Prof. Marta Marmirni (UniPR) and Dr. Jason C. White (The Connecticut Agricultural Experiment Station, CAES; New Haven, CT, USA)

09:00  Plenary lecture - Dr. Jason C. White (CAES, USA).
  Nanomaterials and the Food Supply: Assessing the Balance Between Applications and Implications

09:30  Miniplenary - Dr. Giovanna Zappa (ENEA).
  Application of Nanotechnology in Agrifood: opportunities and challenges

10:05  Oral Communication - Dr. Michela Janni (IMEM-CNR). Bioriotor: an in vivo biosensing, biomimetic electrochemical transistor with applications in plant science and precision farming

10:20  Oral Communication - Dr. Alessio Favero (UniPR). Tetraphosphonate Cavittands recognition in water: from amino acids to histone camouflage

10:50  Oral Communication - Dr. Manon Auguste (UniGE). PANDORA: probing safety of nano-objects by defining immune responses of environmental organisms

11:10  Coffee break

11:20  Invited speaker - Prof. Luca Marchioli (UniUD).
  Phytonanotechnology: a new horizon to food security

11:40  Poster Presentation Session C. Agri-food, Environment and Biotechnologies (concert hall)
Chairmen: Dr. Rita Baraldi (IBIME-CNR) and Prof. Elena Maestri (UniPR)

13:00  Lunch break

13:45  Poster vision and evaluation (poster area)

Session IV. Medicine and Health (concert hall)
Chairmen: Prof. Rosaria Rinaldi (IMEM-CNR) and Prof. Antonio Muttii (UniPR)

14:30  Plenary lecture - Dr. Isabella De Angelis (Istituto Superiore di Sanità).
  Approaches for nanomaterial safety

15:00  Miniplenary - Prof. Michele Miragoli (UniPR).
  Recovery of cardiac impulse propagation in ischemic rat heart via silicon carbide conductive nanowires (SiC-NW)

15:20  Oral Communication - Dr. Gregorio Marchiori (Rizzoli Orthopedic Institute).
  3D printing of novel PCL/bioactive glass scaffolds for bone tissue regeneration: nanoinduction and finite element analyses

15:35  Oral Communication - Dr. Alessandra Preccopio (UniBO).
  Quantitative determination of dye doped silica nanoparticles in cancer cells

15:50  Oral Communication - Dr. Nicolo Riboni (UniPR).
  Odorant binding protein-functionalized superparamagnetic nanoparticles for biomedical applications

16:05  Oral Communication - Dr. Gloria Zaccorinelli (UniVE).
  Growth of bismuth titanate into mesoporous silica nanoparticles: a new safe self-sealing UV filter for cosmetic formulations

16:20  Short Communication - Dr. Laura Paesana (UniPR).
  microRNAs transcripional regulation in human cells exposed to CdS QDs

16:30  Poster awards (concert hall)
Chairmen: Prof. Giorgio Pagliari (Senator) and Dr. Andrea Zanlini (President, Camera di Commercio Parma)

17:00  Conference closure by organizers