


Know4nano

Workshop Agenda

 25th November 2024

Know4nano

WORKSHOPS

Learn about nanomaterials in sensing, biosensors, microfluidics, food safety, pathogen detection, and more! Join us to learn how nanotechnology is transforming industries and ensuring a safer future.




Date
25 - 29 November 2024



Location
BioSense Institute
Dr. Zorana Đinđića 1, Novi Sad

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9:00 - 9:45	Dr. Vasa Radonić , BioSense Institute, University of Novi Sad, Serbia Basic Principles and Applications of BioSensors
9:45 - 10:30	Dr. Feng Xu , Xi'an Jiaotong University, China, From Biomechanics and Mechanobiology to Mechanodiagnosis and Mechanotherapy
10:30 - 11:15	Dr. Claudio Parolo , Barcelona Institute for Global Health, Barcelona, Spain Engineering electrochemical aptamer-based sensors from optical characterization to implementation onto gold electrodes
11:15 - 11:45	COFFEE BREAK
11:45 - 12:30	Dr. Marianna Rossetti , Catalan Institute of Nanoscience and Nanotechnology, Spain DNA Nanotechnology for bioanalytical applications
12:30 - 13:15	Dr. Andrew Pipper , Catalan Institute of Nanoscience and Nanotechnology, Spain The Truth About Thiols
13:15 - 14:45	LUNCH BREAK
14:15 - 15:00	Dr. Daniel Quesada-González , Catalan Institute of Nanoscience and Nanotechnology, Spain Lateral flow biosensors: what, how and why
15:00 - 15:45	Victor Morel Cohoreau , Eden Microfluidics, France A Holistic Journey into Microfluidics Innovative Materials and Microfluidic Solutions
15:45 - 16:30	Dr. Kumar Naresh , Eidgenössische Technische Hochschule Zürich, Switzerland Nanoscale chemical imaging of 2D materials using tip-enhanced optical spectroscopy
16:30 - 17:00	WRAP-UP SECTION



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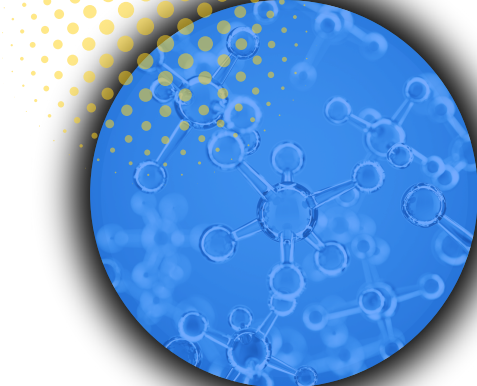
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Know4nano Workshop Agenda

 26th November 2024



Know4nano Workshop Agenda

 27th November 2024

9:00 - 9:45	Dr. Jason Aldiss , President of the Union of European Veterinary Hygienists Application of Biosensors for Official Controls in the Food Supply Chain
9:45 - 10:30	Prof. Maria Aspri , Cyprus University of Technology Methods for bacteria detection
10:30 - 11:15	Dr. Paulo Refinetti , REM Analytics, Switzerland Practical regulatory guide for food production: Planning your project and implementing your QMS
11:15 - 11:45	COFFEE BREAK
11:45 - 12:30	Dr. Pablo José Pomposiello Miravent , Head of Business and Innovation, Catalan Institute of Nanoscience and Nanotechnology, Spain Research Centers as Company Creators
12:30 - 13:15	Dr. Uroš Čemalović , Institute for European Studies, Belgrade, Serbia Protection of Intellectual Property Rights in Science - Some Major Practical Issues and Dilemmas
13:15 - 14:45	LUNCH BREAK
14:15 - 15:00	Milan Lisica & Dr. Oskar Marko , BioSense Institute, University of Novi Sad, Serbia Startup Support: Services that TTO provides at BioSense
15:00 - 15:45	Kateřina Kovařičková , VSCHT, Prague, Czech Republic Intellectual property - think twice before submitting a project
15:45 - 16:30	ROUND TABLE IN TECHNOLOGY TRANSFER

9:00 - 9:45	M.Sc. Anastasios Papavasileiou , VSCHT, Prague, Czech Republic Unfolding the potential of electrochemically activated 3D printed electrodes as sensing platforms
9:45 - 10:30	Dr. Alessandra Bonnani , University of Pavia, Italy 2D materials for biosensing
10:30 - 11:15	Dr. Tian Carey , Trinity College Dublin, Ireland A Decade of Printed 2D Electronics
11:15 - 11:45	COFFEE BREAK
11:45 - 12:30	Dr. Mohsen Beladi Mousavi , iNSyT Technologies, Munich, Germany Operando Microscopy for Nanoscale Dynamics: Bridging Fundamental Research and Startup Innovation
12:30 - 13:15	Dr. Hajnalka Jankovics , University of Pannonia, Veszprém, Hungary A self-assembling protein for versatile biosensing applications
13:15 - 14:45	LUNCH BREAK
14:15 - 15:00	Dr. Miladin Radović , Texas A&M University, USA 2D nanomaterials
15:00 - 15:45	Dr. Ernesto Soldovieri , Neotes, Italy HACCP Hazard Analysis and Critical Control Points
15:45 - 16:30	Dr. Antonio Varriale , National Research Council, Italy Protocols for testing and validation of the biosensors
16:30 - 17:00	WRAP-UP SECTION



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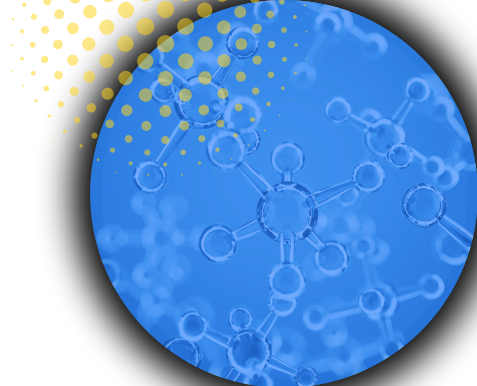
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Institut Català
de Nanociència
& Nanotecnologia

Know4nano Workshop Agenda

 28th November 2024



Know4nano Workshop Agenda

 29th November 2024

9:00 - 9:45	Isidora Čolić , BioSense Institute, University of Novi Sad, Serbia Communicating Research to non-researchers
9:45 - 10:30	Dr. Emily Jaimson , REM Analytics, Switzerland Molecular methods for pathogen detection: General overview
10:30 - 11:15	Dr. Aphrodite Kalogianni , Agricultural University of Athens, Greece Molecular methods for pathogen detection: Application
11:15 - 11:45	COFFEE BREAK
11:45 - 12:30	Dr. Ivan Nastasijević , Institute for meat hygiene and technology, Belgrade, Serbia Biosensors for simultaneous and multiplex detection of animal health, welfare and food safety biomarkers in the meat chain
12:30 - 13:15	Dr. Rosarita Tatè , National Research Council, Italy Basic and advanced microscopy to study symbiotic and pathogen microorganisms
13:15 - 14:45	LUNCH BREAK
14:15 - 15:00	Dr. Luca De Stefano , ISASI Napoli, National Research Council, Italy PoC pathogen detection
15:00 - 15:45	Prof. Eleni Kasapidou , University of Western Macedonia, Florina, Greece The Impact of Food Processing on Microbial Quality and Safety – Emphasis on Novel Methods
15:45 - 16:30	Dr. Alessandro Capo , ISA-National Research Council, Italy Biosensors application in the real operational environment from farm-to-fork
16:30 - 17:00	WRAP-UP SECTION

9:00 - 9:45	Slađana Blažević , BioSense Institute, University of Novi Sad, Serbia European Green Deal
9:45 - 10:30	Ing. Johana Burgetová , VSCHT, Prague, Czech Republic Title: Key aspects of managing research projects
10:30 - 11:15	Dr. Sofer Zdeněk , VSCHT, Prague, Czech Republic Title : 2D Xenex chemistry and beyond
11:15 - 11:45	COFFEE BREAK
11:45 - 12:30	Miguel Vilaplana , Graphenicalab, Barcelona, Spain Entrepreneurship & Tech Transfer: a CEO & founder perspective
12:30 - 13:15	Dr. Goran Stojanović , Faculty of technical science, University of Novi Sad, Serbia Developing soft skills in writing project proposal and providing funds for innovative research
13:15 - 14:45	LUNCH BREAK
14:15 - 15:00	Dr. Jasmina Vidić , INRAE, France Bacterial detection in real samples: Case of <i>Staphylococcus aureus</i> adaptation to serum and milk
15:00 - 15:45	Vladislava Grbović , BioSense Institute, University of Novi Sad, Serbia Living Lab fundamentals
15:45 - 16:30	Dr. Lorena Manzanares , Centrale Lille, France Single-molecule biosensing with MXene
16:30 - 17:00	WRAP-UP SECTION



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