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Tentative Program

International Conference on

NANOTECHNOLOGY AND ARTIFICIAL INTELLIGENCE

OCTOBER 16-17, 2019 | ROME, ITALY



NANOTECHNOLOGY 2019

Pulsus Group
40 Bloomsbury Way, Lower Ground Floor, London, UK WC1A 2SE
Ph: +44-203-769-1778
E-Mail: nanotechnology@pulsusglobalevents.com | nanotechnology@pulsusseries.com

Scientific Program

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Registrations
08:30-09:00

Opening Ceremony
09:00-09:10

Day 1: October 16, 2019

HALL - 1

Introduction 09:55-10:00

09:10-09:55
Title: Application of nanotechnology in adaptive building development
Simona Bronco | National Research Council | Italy

09:55-10:40
Title: Air and water quality sensing through nanomaterials engineering in the home appliance industry
Rashad D. Green | Space of cannabis | United States

Group Photo

Networking & Refreshment Break 10:40-11:00 @ Foyer

11:00-11:45
Title: Superconducting and cryogenic technologies for nanotechnology applications
Francesco Picchioni | University of Groningen | Netherlands

11:45-12:30
Title: Oxide nanomaterials by non-hydrolytic sol-gel process
Johan Alauzun | Charles Gerhardt Institute Montpellier | France

Lunch Break 12:30-13:30 @ hotel Restaurants

Sessions on: Nanomaterials | Nanoparticles | Carbon Nanotubes | Nanoelectronics | Nanotechnology
Session Chair: Simona Bronco | National Research Council | Italy

13:30-14:00
Title: Silicon nanofabrication and carbon-based nanotechnology
Kaitlyn Parsons | University of Illinois | USA

14:00-14:30
Title: Insights on Carbon-Based Catalysts for Environmental and Energy Technologies
Luisa M Pastrana Martínez | University of Granada | Spain

14:30-15:00
Title: Printed electronics: applications and perspectives
Paolo Lugli | Free University of Bozen-Bolzano | Italy

15:00-15:30
Title: Functional nanocoatings as compatible interphases in hybrid materials
Vladimir Cech | Brno University of Technology | Czech Republic

15:30-16:00
TBA

Panel Discussions

Networking & Refreshment Break 16:00-16:20 @ Foyer

Sessions on: Internet of Things (IOT) | Machine learning in AI | Artificial Intelligence | Nano Computational Modelling
Session Chair: Cristina Bertoni | Electrolux Italia | Italy

16:20-16:50
Title: TBA

16:50-17:20
Title: A Privacy-Preserving Authentication and Key Agreement Scheme with Deniability for IoT
Tinashe Magara | Chongqing University | China

17:20-17:50	**Title: Traffic Control and Management at SDN/MECs Controller using AI for 5G Networks** **Ammar Muthanna** | St. Petersburg State University of Telecommunications | Russia
17:50-18:20	**Title: Innovative Artificial Intelligence and Internet of Things in HealthCare for Heart/Stroke Predictive Emergencies** **Bassant M. Elbagoury** | Ain Shams University | Egypt

Panel Discussions

Day 2: October 17, 2019 |

B2B Networking & Lunch

