

WEDNESDAY, 13 NOVEMBER

8.45 WELCOMING REMARKS

9.00 FRANCESCO SCOTOGNELLA

“PLASMONIC NANOMATERIALS IN THE NEAR INFRARED REGION FOR PHOTONICS AND ENERGY”

9.30 SIMELYS HERNÁNDEZ

“SCALING-UP A SUN-DRIVEN REACTOR FOR CO₂ CAPTURE AND UTILISATION: THE SUNCOCHEM APPROACH”

10.00 LUCA LAVAGNA

“INNOVATIVE CEMENTITIOUS MATERIALS: ADVANCING SUSTAINABILITY, FUNCTIONALITY, AND PERFORMANCE IN CONSTRUCTION”

10.30 COFFEE BREAK + POSTER SESSION

11.30 LUCA BARBIERO

“QUANTUM SIMULATION WITH ULTRACOLD ATOMIC SYSTEMS”

12.00 TERESA GATTI

“EXPLORING THE FLATLAND OF BI-DIMENSIONAL MATERIALS THROUGH CHEMICAL FUNCTIONALIZATION FOR ENERGY AND (OPTO)ELECTRONICS”

12.30 EMILIANO DESCROVI

“LIGHT-RESPONSIVE ARCHITECTURES FROM NANO TO MACRO”

13.00 LUNCH BREAK

14.00 SILVIA BORDIGA

PLENARY LECTURE

15.00 AWARD OF “BORSE ECCELLENZA DISAT”

15.30 COFFEE BREAK + POSTER SESSION

16.30 MICHELA FRACASSO

“KEY-MATERIALS FOR THE ENERGY TRANSITION: MAGNETIZATION BEHAVIOUR IN BULK SUPERCONDUCTORS”

17.00 ALESSANDRO GIRAUDO

“MONITORING CHEMICAL CHANGES OF COFFEE BEANS DURING ROASTING USING REAL-TIME NIR SPECTROSCOPY AND CHEMOMETRICS”

17.30 PAOLA BUSCAGLIA & CHIARA RICCI

“A SCIENTIFIC APPROACH TO CULTURAL HERITAGE SAFEGUARD”

18.00 CLOSING REMARKS AND ADJOURN

THURSDAY, 14 NOVEMBER

9.15 WELCOMING REMARKS

9.30 MONICA FERRARIS

“30+ YEARS OF GLASS AT GLANCE (GLASSES CERAMICS AND COMPOSITES) GROUP”

10.00 STEFANO CROTTI

“RECONSTRUCTION OF EPIDEMIC SPREADING VIA STATISTICAL PHYSICS-INSPIRED METHODS”

10.30 COFFEE BREAK + POSTER SESSION

11.30 CARLO RICCIARDI

“IN MATERIA NEUROMORPHIC COMPUTING: HOW TO MAKE BRAIN-INSPIRED COMPUTATION BY EXPLOITING PHYSICAL LAWS OF MATERIALS”

12.00 LAURA ANDRIANOPOLI

“NEW FRONTIERS IN SUPERGRAVITY”

12.30 SILVIA FRATERRIGO GAROFALO & FRANCESCA DEMICHELIS

“DESIGN OF SUSTAINABLE RESOURCE MANAGEMENT: TECHNICAL AND ENVIRONMENTAL ASSESSMENT OF APPLE POMACE IN SEQUENTIAL CHEMICAL, BIOCHEMICAL, AND THERMOCHEMICAL PROCESSES”

13.00 LUNCH BREAK

14.00 POWER HOUR

“CHATGPT & CO. IN ACADEMY AND RESEARCH: BETWEEN OPPORTUNITIES AND RISKS”

15.00 AWARD OF “PREMI LAUREA DISAT” & “QUALITÀ PHD”

15.30 ANNOUNCEMENT OF BEST POSTER AWARDS

15.45 FLASH PRESENTATIONS FROM WINNING POSTERS

16.15 FEEDBACK COLLECTION

16.45 CLOSING REMARKS

17.00 APERITIF