**NANOTECHNOLOGY AND ADVANCED MATERIALS**

**Visits to research centers of interest**

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| **April 12** |
| National Enterprise for nanoScience and nanotechnology (NEST)Piazza San Silvestro 12 – 56127 Pisa Dr. Lucia SorbaE-mail: lucia.sorba@nano.cnr.it Tel: +39 050509118Institute for Polymers, Composites and Biomaterials (IPCB)Dr. Giovanna BuonocoreP.le E. Fermi, 1 – 80055 Portici (Naples)E-mail: gbuonoco@unina.itTel: +39 0817758837 |
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| **April 13**  |
| Institute for Microelectronics and Microsystems (IMM)Dr. Luigi Mariucci

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|  | Via del Fosso del Cavaliere, 100 – 00133 RomeE-mail: luigi.mariucci@cnr.itTel. +39 0649934706 |

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**Working groups**

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| **Block 1. April 14 / 14:30 - 18:00** |
| 1 | Stefan Heun | “2D materials” |
| 2 | Gabriel Luna Barcenas | “Nanocomposites for biomedical applications” |
| 3 | Aurora Rizzo | “Hybrid Photovoltaics: Material Development and Device Innovation” |
| 4 | Ana Cecilia Noguez Garrido | “Theory and numerical modeling of the optical response of nanoscale materials” |
| 5 | Vittorianna Tasco | “Nanomaterials for Functional Devices” |
| 6 | Alessandra Alberti | “Advanced Materials for photovoltaics*”* |
| 7 | Giorgio Biasol | “Synthesis of low-dimensional semiconductors” |
| 8 | Silvia Pietralunga | "Characterizing Graphene-related and 2D materials: electronic and ultrafast optical spectroscopies” |

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| 9 | Luca Businaro | "Microfluidics and organs-on-chip: a generalized approach for advanced drug and therapy testing" |

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| **Block 2. April 15 / 10:00 – 12:00** |
| 1 | Francesca Passaretti | “Shape Memory Alloys and Thermoelectric Materials” |
| 2 | Gabriel Ingo | “Nanosciences & technologies for the knowledge and conservation of cultural heritage” |
| 3 | Rafael Vázquez Duhalt  | "Enzymatic nano-vehicles for chemotherapy improvement" |
| 4 | Giovanna Buonocore | “Multi-functional polymer-based composites” |
| 5 | Alessandra Sanson | “Ceramics: ancient materials that look towards the future” |
| 6 | Mauricio López Romero  | “Metrology and Nanomaterials” |
| 7 | Alberto Figoli | “Innovative Membrane Applications in Water Treatment” |
| 8 | Andrea Liscio | “Graphene-based materials” |