**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 Sorba  E-mail: [lucia.sorba@nano.cnr.it](mailto:lucia.sorba@nano.cnr.it)  Tel: +39 050509118  Institute for Polymers, Composites and Biomaterials (IPCB)  Dr. Giovanna Buonocore  P.le E. Fermi, 1 – 80055 Portici (Naples)  E-mail: [gbuonoco@unina.it](mailto:gbuonoco@unina.it)  Tel: +39 0817758837 | | |
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| **April 13** | | | |
| Institute for Microelectronics and Microsystems (IMM)  Dr. Luigi Mariucci   |  |  | | --- | --- | |  | Via del Fosso del Cavaliere, 100 – 00133 Rome  E-mail: [luigi.mariucci@cnr.it](mailto:luigi.mariucci@cnr.it)  Tel. +39 0649934706 | | | |

**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” |