<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Breakfast</td>
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| 8:30-9:00 | Invited Speaker: Daniel Turover, Silsef  
Nanoimprint lithography and application to steel dry etching |
| 9:00-9:15 | Eleonora Storace, Suss Microtec  
Advantages of nanoimprint lithography for production of high quality diffractive optical elements (DOES) |
| 9:15-9:30 | Andrei Ushkov, Laboratoire Hubert Curien  
Gratings with adiabatically varying depth for visible band optical applications |
| 9:30-9:45 | Eric Lebrasseur, University of Tokyo  
Fabrication of high aspect ratio vertical sidewall trenches using 2 steps parameter ramping Bosch process |
| 9:45-10:00 | Renatech speaker: Bernard Pélissier, LTM  
The IMPACT Project and Platform: “quasi insitu” analyses and multipurpose advanced characterizations for materials studies, merging academic research and industrial applications |
| 10:00-10:30 | Coffee break |
| 10:30-10:45 | Prix de thèse Renatech: Ludovic Marigo Lombart, LAAS  
Technological bricks development for the vertical integration of a Modulator onto a VCSEL |
| 10:45-11:00 | Prix de thèse Renatech: Loic Berthod, Laboratoire Hubert Curien  
Microstructuring and functionalization of cylindrical substrates based direct photo-patternable TiO2 sol-gel process |
| 11:00-11:15 | Alban Gassenq, ILM  
Integrated chiral optics processing for sensing application |
| 11:15-11:30 | Jeanne Solard, CPN2  
Fabrication of indium tin oxide photonic crystal using hydrogen silsesquioxane resist |
| 11:30-12:00 | Invited Speaker: Olivier Dellea, CEA Liten  
Colloidal lithography: Generic tool for structuring and functionalizing surfaces and interfaces |
<p>| 12:00-12:15 | Conclusions |
|       | Lunch |</p>
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<tr>
<td>8:00</td>
<td>Registration / Welcome (drinks and cakes)</td>
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| 9:15-9:30 | Welcoming address  
Thierry Baron, Raluca Tiron, David Peyrade, Jean Louis Leclercq |
| 9:30-10:00 | Invited Speaker: Stéphane Monfray, STMicroelectronics  
Differentiation in the microelectronic industry: the key for innovation |
| 10:00-10:30 | Invited Speaker: Rebeca Ribeiro, C2N  
Twistable electronics with dynamically rotatable structures |
| 10:30-10:45 | Olga Shadvina, GREMI  
Inkjet printing and laser sintering of Al2Zn layers for the fabrication of plasmonic sensors |
| 10:45-11:15 | Coffee break |
| 11:15-11:30 | Lucas Malpartida, LAAS  
Large scale arrays of living cells produced by automated microcontact printing |
| 11:30-12:00 | Invited Speaker: Philippe Cinquini, TIMC-IMAG et CHUGA  
Micro-nano symbiotic robotics |
| 12:00-12:15 | Exhibitors session |
| 12:15-14:00 | Lunch break |
| 14:00-14:30 | Invited Speaker: Benoît Roman, ESPCI  
4D printing and morphing structures: from macroscopic to small scales? |
| 14:30-14:45 | Marie Marmiesse, CEA Leti  
Nanoengineering DNA nanostructures for lithography |
| 14:45-15:05 | Flash poster session |
| 15:05-15:45 | Coffee break |
| 15:45-16:15 | Invited Speaker: Laurent Malaquin, LAAS  
Fabrication of 3D models of microenvironment for cell culture and tissue engineering |
| 16:15-16:45 | Invited Speaker: Colomban de Vargas, Station Biologique de Roscoff  
Plankton planet: Self-organized nano-technologies from marine cells are major drivers of planetary ecology |
| 17:00-19:00 | Poster Session  
Minatec showroom visits (registered participants only) |

**Tuesday 26th November**

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| 8:30-9:00 | Invited Speaker: Florence Lefebvre-Joud, CEA Liten  
Energy transition at CEA-LITEN: the place of micro and nanotechnologies for building a renewable, sustainable and resilient energy mix |
| 9:00-9:15 | Maxime Darnon, LN2  
Micro/nanotechnologies to improve concentrated photovoltaics systems |
| 9:15-9:30 | Florent Sevely, LAAS  
AlCuO sputtered nanothermites as new energetic thin films for tunable ignition and actuation |
| 9:30-9:45 | Gilbert Lecarpentier, SETNA  
Surface Modification and Activation with Atmospheric Plasma |
| 9:45-10:00 | Renatech speaker: Rémi Courson, LAAS  
Material and process development for high resolution 3D printing |
| 10:00-10:30 | Coffee break |
| 10:30-10:45 | Konstantinos Pantzas, C2N  
Controlling InGaAs/InAlAs interfaces in MOCVD at the level of the atomic monolayer |
| 10:45-11:00 | Clément Lausecker, LMGp-LTM  
Formation Mechanisms of ZnO Nanowires on Polycrystalline Au Seed Layers for Piezoelectric Devices |
| 11:00-11:15 | Renatech speaker: Laurent Travers, C2N  
In-situ observation in a TEM of the MBE growth of III-V and II-VI semiconductor nanostructures |
| 11:15-11:30 | Rahma Moalla, INL  
Localized oxide MBE growth on Si by selective etching lift-off for on-chip thermoelectricity |
| 11:30-12:00 | Invited Speaker: Badreddine Assouar, UL  
Acoustic and Elastic Metasurfaces for Controllable Wave Manipulation |
| 12:00-14:00 | Lunch break |
| 14:00-14:30 | Invited Speaker: Béatrice Dagens, C2N  
Functionalisation of transparent substrates using resonant nanostructures for augmented reality |
| 14:30-14:45 | Laurene Youssef, LTM  
High-Yield Ultra-Low Losses Si3Na Microresonators for Energy-Efficient Non-Linear Photonics |
| 14:45-15:00 | Renatech speaker: Laurent Markey, ICB  
Plasmonic and hybrid plasmo-photonic integrated waveguide technologies |
| 15:00-15:30 | Coffee break |
| 15:30-16:00 | Invited Speaker: Julien Barjon, GEMaQ  
N-type conductivity of diamond: cathodoluminescence and epitaxy |
| 16:00-16:15 | Aurélie Le Pennec, CEA Leti  
Buried defects investigation through backscattered electron microscopy |
| 16:15-16:45 | Invited Speaker: Jean-Claude André, LRGP  
Does economic success limit the emergence of radical innovations? The cases of 3D printing and NBIC convergences |
| 17:00-18:30 | Poster Session |
| 18:30-23:00 | Gala dinner at the Château de la Commanderie |