

**Joint scientific day of the SIN and SMR departments
17 November 2023, salle AGORA du Haut-Carré**

8h45 : Ouverture par les directeurs des départements SIN et SMR, Jean-Philippe Domenger (LABRI) et Jean-Baptiste Verlhac (ISM)

9h00 Rémi AVRILLER (LOMA), Sophie FASQUEL (IMS), *Projet SpectroPoIO : Spectroscopy of Polaritons in Organic Microcavities* (lauréat AAP RIE)

Short-talks from recently-hired researchers

9h20 Laura ALVAREZ (Chaire MdC, CRPP), *Soft and adaptive active systems: towards cell-mimetic microdevices*

9h35 Stéphane BANCELIN (CR, LP2N), *Probing Multiscale biomechanical properties of connective tissues*

9h50 Anh-Thy BUI (ISM), *Excited-state engineering through molecular design for light-driven applications*

10h05 Coffee break

10h35 Intervention de Nathalie Sans (Vice-Présidente Recherche de UB)

10h45 Zoeisha CHINOY (ISM), *Functional Glycomics: from Oligosaccharide Synthesis to Cellular Glycan Imaging*

11h00 Anthony MAHO (CPJ UB ICMCB), *Plasmonic electrochromic materials for dual-band VIS-NIR smart windows*

11h15 François RIOBE (CR, ICMCB), *Understanding the luminescence of lanthanide complexes at the solid state*

11h30 Laeticia DALSTEIN (Chaire MdC, LOMA), *Surface Potential at Electrolyte/air Interfaces*

11h45 Antoine ALLARD (MdC, LOMA), *Photoresponses of the microalgae *Chlamydomonas reinhardtii* in complex environments*

12h00 Luc BERGÉ (DR CEA, CELIA et EPS president), *Recent results in laser-driven terahertz sources and ... in the European Physical Society*

12h15 Lunchtime (buffet) at salle Badiane

14h00 Philippe BALCOU (CELIA), *Nobel 2023 d'Anne L'Huillier, Pierre Agostini et Ferenc Krausz : les années folles, des harmoniques élevées aux attosecondes*

Some SIN+SMR collaborative projects

14h30 Pierre NASSOY (LP2N) et Giuseppe SCIUME (I2M), *Dual in vitro-in silico modeling of cell aggregates: from tumor growth to tissue engineering*

14h50 Olivier MONDAIN-MONVAL (CRPP) et Thomas BRUNET (I2M), *Soft reconfigurable flat acoustic metalenses*

15h10 David DEAN (LOMA) et Clair POIGNARD (IMB), *Physical and numerical modeling of membrane electroporation*

Quelques lauréats de l'AAP RIE (Recherche interdisciplinaire et exploratoire)

15h30 Marion MATHELIE-GUINLET (CBMN), Thomas SALEZ (LOMA), *projet RIE MISTIC- Microfluidic Insights into the Speciation and Toxicity of amyloids*

15h50 Coffee break

16h10 Alexandre BARON (CRPP), Mathieu COLIN (IMB), *projet RIE HOMOGENIZE, Effective optical properties of dense colloidal media*

16h30 Claire MICHELET (LP2i), Pascal DESBARATS (LABRI), *projet RIE SHAPE, Closing the angular gap: the missing wedge challenge for 3D imaging of biological samples*

16H50 : Table ronde sur les perspectives de collaborations entre SMR et SIN: thématiques en cours et futures.

Département de recherche
SIN | Sciences
de l'ingénierie
et du numérique / université
de BORDEAUX

Département de recherche
SMR | Sciences de la matière
et du rayonnement / université
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