

Materials

Thursday, 28th September, 2017

8h45	Coffee and welcome
9h00	Introduction : Co-responsible of the Collegium SMYLE
9h10 –9h45	Structuring of thin films and resulting properties Nicolas Martin, FEMTO-ST, www.femto-st.fr
9h45 –10h20	Architecturation of PVD coating Alain Billard, FEMTO-ST, www.femto-st.fr
10h20 –10h55	Coffee break
10h55 –11h30	Advanced functional materials in acoustics and optics Ausrine Bartasyte, FEMTO-ST, www.femto-st.fr
11h30 –12h05	Novel 2D materials from high-throughput computational exfoliation Marco Gibertini, THEOS-EPFL and NCCR MARVEL, www.nccr-marvel.ch
12h05	Lunch
13h30 –14h45	Short oral presentations and 1st poster session
14h45- 15h20	Stimuli-Responsive Supramolecular Polymer System Christoph Weder, Adolphe Merkle Institute, Université de Fribourg, http://ami.swiss
15h20 –15h55	Multi-material Nano-structured Fibers: Challenges and Opportunities Fabien Sorin, EPFL, http://fimap.epfl.ch/
15h55 –16h30	Industrial application of piezoelectric thin films Distinguished lecturer of IEEE UFFC Paul Muralt, EPFL, www.epfl.ch
18h30-21h30	Games & Dinner

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9h00 –9h35	Hydrogen-Energy Storage and Materials <u>Dominique Perreux</u> , Mahytec SA, www.mahytec.com
9h35 –10h10	Nanostructured materials and devices for energy harvesting <u>Laurent Montes</u> , INP Grenoble, www.piezonems.com
10h10 –10h40	Coffee break
10h40 –11h20	Metamaterials: Materials Beyond the Ordinary <u>Martin Wegener</u> , KIT, www.aph.kit.edu
11h20 –12h30	<u>Short oral presentations and 2nd poster session</u>
12h30	Lunch
14h00 –14h35	Sustainable Structural and Multifunctional Biocomposites from Hybrid Natural Fibres <u>Vincent Placet</u> , FEMTO-ST, www.femto-st.fr
14h35 –15h10	Catalytic materials for car exhaust after treatment <u>Philippe Vernoux</u> , IRCELYON, www.ircelyon.univ-lyon1.fr
15h10 –15h45	Hydrogen and Superconductivity, Knowledge and Dreams <u>Louis Schlapbach</u> , Prof.em. ETH/EMPA, NIMS-MANA Tsukuba
16h00 –	Coffee break and end