

Moscow State University and Saint-Gobain Workshop

February 6th, 2014

Moscow, MSU, Chemistry Department,
Laboratory room of North Chemistry Hall (ground floor).
("Препараторская СХА", цокольный этаж).

Time	Name	Title (15 min talks + 5 min questions)
08:45	Arrival	
09:00	Alexey R. Khokhlov	MSU at a Glance
09:20	Didier Roux	R&D at Saint-Gobain
Polymer degradation, coatings and surface properties		
09:40	Marat O. Gallyamov	Fluoropolymer coatings deposited from solutions in supercritical CO ₂
10:00	François Guillemot	Glass surface molecular grafting for the control of wetting and easy to clean applications
10:20	Olga I. Vinogradova	Super-hydrophobic coatings
10:40	Jeff Peet	Challenges and opportunities for functional wet coatings at Saint Gobain
11:00	BREAK	
11:40	Vladimir I. Feldman	Radiation-induced effects in polymer materials: degradation, modification and diagnostics
12:00	Olivier Rosseler	Weathering of polymeric materials
Acoustics		
12:20	Oleg V. Rudenko	MSU Physics Department Acoustics and building industry
12:40	Paul-Henri Guering	From acoustic performances of construction materials to comfort in building
13:00	LUNCH BREAK	
Glass, ceramics, crystals, inorganic materials		
14:00	Evgeny V. Antipov	New cathode materials for Solid Oxide Fuel Cell (SOFC)
14:20	Oh-Hun Kwon	Reliable Solid Oxide Fuel Cell (SOFC) stacks with ceramic interconnects + Ceramic thermoelectric materials and their requirements for high temperature applications
14:50	Andrei V. Shevelkov	Thermoelectric materials for multifarious applications
15:10	Jérémy Dhainaut	Hierarchical alumina for application in catalysis
15:30	Irina I. Ivanova	Micro- and mesoporous catalysts and membranes for energy efficient and environment friendly processes
15:50	BREAK	
16:20	Alexey Voskov	Assessment of multicomponent phase diagrams by the convex hull method
16:40	Cyrille Condolf	Development of thermodynamic databases for construction materials
17:00	Sergey A. Ponomarenko	Nanostructured organosilicon luminophores for highly efficient spectral shifters and plastic scintillators
17:20	Vladimir Ouspenski	Scintillation Materials Performance Engineering
17:40	Conclusion, more time for discussions if needed and wrap up	

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SGR : Saint-Gobain Recherche, Aubervilliers, France

SVI: Glass Surface and Interface Lab (Joint Research unit with CNRS), Aubervilliers, France

LSFC: Ceramic Synthesis and Functionalization Lab (Joint Research unit with CNRS), Cavallion, France

NRDC: Northboro R&D Center, Massachusetts, USA

SG CP RUS: Saint-Gobain Construction Products RUS, Russia

RD: R&D Direction Team, Paris