

International workshop on Nanostructured Materials and Their Use in Fire Retardancy Applications

WEDNESDAY 23rd November 2016	
Time	Aula Magna, Stockholm University
8.30 - 9.00	Registration
9.00 - 9.10	Introductory remarks
9.10 - 9.50	Jaime Grunlan, Texas A&M Flame retardant polyelectrolyte multilayer nanocoatings: a brief history and some recent breakthroughs
9.50 - 10.30	Jenny Alongi, Università degli Studi di Milano Green flame retardants
10.30 - 11.00	<i>Morning coffee break</i>
11.00 - 11.40	Giovanni Camino, Politecnico di Torino Fire retardancy - Future, present and possibilities
11.40 - 12.20	Richard Horrocks, University of Bolton Cellulose thermal stability and fire retardancy - Fundamentals
12.20 - 13.30	<i>Lunch</i>
13.30 - 14.10	Markus Antonietti, Max Planck Institute of Colloids and Interfaces Making cotton and wood based materials fire retardant: controlling the decomposition schemes
14.10 - 14.50	Geoff Gibson, Newcastle University The engineering of passive protection systems
14.50 - 15.10	<i>Afternoon coffee break</i>
15.10 - 15.30	Korneliya Gordeyeva, Stockholm University Mechanically strong nanocellulose based foams as potential fire retardant insulators
15.30 - 15.50	Maryam Ghanad Pour, KTH Royal Institute of Technology Phosphorylated cellulose nanofibrils for the preparation of intrinsically flame-retardant materials
15.50 - 16.10	Oruc Koklükaya, KTH Royal Institute of Technology Flame-retardant paper from wood fibres functionalized via Layer-by-Layer assembly
16.30 - 18.00	<i>Poster session</i>
19.00 - 22.30	<i>Dinner</i>

THURSDAY 24th November 2016	
Time	Aula Magna, Stockholm University
9.00 - 9.40	Serge Bourbigot, Ecole Nationale Supérieure de Chimie de Lille Intumescent materials containing nanoparticles: evaluation, characterization and modeling
9.40 - 10.20	Stefan Lundmark, Perstorp Intumescent coatings
10.20 - 10.40	<i>Morning coffee break</i>
10.40 - 11.20	Shu-Hong Yu, Hefei University Macroscopic nanoparticle assemblies: integration, functionalization and applications
11.20 - 12.00	Phil Jones, Imerys & PhylloSci Special kaolinities for use in advanced materials
12.00 - 13.00	<i>Lunch</i>
13.00 - 13.40	Bernhard Schartel, BAM Federal Institute for Materials Research and Testing Flame and fire retardancy of fibre reinforced polymer composites
13.40 - 14.20	Maurizio Natali, Università degli Studi di Perugia Ablative materials for space applications
14.20 - 14.40	Nathalie Lavoine, Stockholm University Surface modification of nanocellulose via ionic interactions for enhanced thermal properties
14.40 - 15.00	Lilian Medina, KTH Royal Institute of Technology Cellulose/clay nanocomposites for fire retardancy applications
15.00 - 15.10	Closing remarks

Dinner will be held at the restaurant "Syster O Bror" located about 30 minutes away from conference venue. We will leave conference venue at 18.15 and head there together. You will need a valid SL ticket to go there, please plan ahead!