

Accelerating Nanotech Innovations by Promoting a Safer-by-Design Approach

Updated
21 Janv 2020

EIT-Raw Materials Summer School 4th -9th May 2020			European Scientific Institute - Archamps Technopole France			
	Monday 4	Tuesday 5	Wednesday 6	Thursday 7	Friday 8	Saturday 9
08:00-09:00	Registration and presentation of the school	Lecture 1 Nanomaterials, properties and application (L. Charlet, UGA Grenoble)	Lecture 3 Nanomaterial Ecotoxicity (A. E. Pradas del Real, IMIDRA Madrid)	Lecture 5 The asbestos case (L. Charlet, UGA Grenoble)	Lecture 7 Biological Networks & Pathway Analysis (M. Kutmon, Uni Maastricht)	I&E Teamwork Preparation of the pitches
09:00-10:00	Keynote Peter Cloetens - Introduction Structure fonction and risk	Lecture 2 Nanomaterials in terrestrial Environments (A. E. Pradas del Real, IMIDRA Madrid)	Lecture 4 Nanomaterial Toxicity (B. Gilbert, LBNL Berkeley)	Lecture 6 The AgNW case (B. Gilbert, LBNL Berkeley)	Hands-on 4 Biological networks & pathway analysis (M. Kutmon, Uni Maastricht)	
10:00-10:15	Break	Break	Break	Break	Break	
10:15-11:15	Tomography for nanomaterials - Peter Cloeten	Hands-on 1 Dissolution, Toxicity and Ecotoxicity of nanomaterials (B. Gilbert, A. E. Pradas del Real, L. Charlet, C. Louka)	Hands-on 2 Dissolution, Toxicity and Ecotoxicity of nanomaterials (B. Gilbert, A. E. Pradas del Real, L. Charlet, C. Louka)	Hands-on 3 Dissolution, Toxicity and Ecotoxicity of nanomaterials (B. Gilbert, A. E. Pradas del Real, L. Charlet, C. Louka)	I&E Case Study 2 (a) Printing graphene based inks & pastes-market study & risk assessment (C. Vaquero, I. Bustero, Tecnalia)	
11:15-13:15		I&E Case Study 2 (b) Printing graphene based inks & pastes-market study & risk assessment (C. Vaquero, I. Bustero, Tecnalia)				
13:15-14:15	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:15-15:15	Students Presentation	I&E Lecture 3 How to evaluate a new start-up project? Inventor vs innovator (A. Senra, UPM Madrid)	Lecture 1 Life cycle approach of risk assessment (Georges Tsalidis, TU Delft)	I&E Lecture 6 Risk assessment in the workplace (C. Vaquero, Tecnalia)	Lecture 8 N. Kochev, University of Plovdiv, L. Iliev, IdeaConsult	14:15-17:15 Pitching session & deliberation 17:15 Closing ceremony 17:30 COCKTAIL
15:15-16:15	I&E Lecture 1 Creativity Innovation & Entrepreneurship (F. Bornard, UGA Grenoble)	I&E Lecture 4 Which is the best way to discard an idea? Ideas vs opportunities (A. Senra, UPM Madrid)	Lecture 2 Assessment of risk during the life-cycle of nanos in the environment (Georges Tsalidis, TU Delft)	I&E Hands-on 1 Risk assessment in the workplace (C. Vaquero, Tecnalia)	Hands-on session 5 N. Kochev, University of Plovdiv, L. Iliev, IdeaConsult	
16:15-16:30	Break	Break	Break	Break	Break	
16:30-17:45	I&E Lecture 2 Lean start up, BM canvas & Design thinking (F. Bornard, UGA Grenoble)	I&E Lecture 5 Key concepts for structuring a business model (A. Senra, UPM Madrid)	L&G Lecture 1 Bridging science & policy (I. Feitshans, ESI Archamps)	I&E Case Study Silver nanowires for ITO substitution-market study and risk assesment (C. Vaquero, I. Bustero, Tecnalia)	L&G Lecture 2 Current legislative framework & emerging regulation (I. Feitshans, ESI Archamps)	
17:45-19:00	I&E Coaching 1 Teamwork on project (F. Bornard, UGA Grenoble)	I&E Coaching 2 Teamwork on project ? (A. Senra, UPM Madrid)	I&E Coaching 4 Preparation and presentation of an outstanding project ? (F. Bornard, UGA Grenoble)	I&E Case Study bis Silver nanowires for ITO substitution-market study and risk assesment (C. Vaquero, I. Bustero, Tecnalia)	L&G Coaching Compliance & Responsibility Individual project coaching (I. Feitshans, ESI Archamps)	
19:00-20:30	Dinner	Dinner	Dinner	Dinner	Dinner	
20:30-22:30	Teamwork	I&E Coaching 3 Teamwork on project (A. Senra, UPM Madrid)	I&E Coaching 5 Teamwork on project (F. Bornard, UGA Grenoble)	Teamwork	Teamwork	

Lecture on nanodesign
Practicals on nanodesign
Innovation & entrepreneurship
Coaching
Start-up presentations
Law & guidance
Events
Homework

