

Wed 15th July

Start time	Duration	End time	Item	Speaker
08:00	04:00	12:00	Meeting registration	
12:00	01:00	13:00	Lunch	

Session 1: Current status, outstanding challenges and organizational approach to their resolution				
Chair	Dr. Hermann Stamm			
Chair	Dr. Peter Kearns			
13:00	00:05	13:05	Opening	Prof. Kenneth Dawson, CBNI & Dr. Georgios Katalagarianakis, EC
13:05	00:05	13:10	Welcome by Local Organiser	Prof. Spiros H. Anastasiadis, Director of IESL-FORTH
13:10	00:05	13:15	Welcome	Mr. Stavros Arnaoutakis, Governor of the region of Crete
13:15	00:10	13:25	Research and education in Greece	Prof. Costas Fotakis, Greek Alternate Minister of Research and Innovation
13:25	00:10	13:35	European Commission outlook	Dr. Georgios Katalagarianakis, EC
13:35	00:20	13:55	Background and outstanding challenges in quality and reproducibility in nano research.	Prof. Kenneth Dawson, CBNI
13:55	00:30	14:25	Regulatory science research in nanotechnology: the known and unknown	Dr. Anil Patri, FDA
14:25	00:20	14:45	ProSafe-NANoREG	Dr. Tom Van Teunenbroek (NANoREG), Ministry of Infrastructure and the Environment, Netherlands
14:45	00:30	15:15	Coffee Break	
Chair	Dr. Tom Van Teunenbroek			
Chair	Dr. Anil Patri			
15:15	00:20	15:35	The current status of the OECD efforts: safety testing and assessment	Dr. Peter Kearns, OECD
15:35	00:15	15:50	Presentation of the European nanomedicine characterisation laboratory (EU NCL)	Dr. Francois Rossi, NCL-EU
15:50	01:00	16:50	Open panel discussion, round table, all projects	Panel: Anil Patri, Peter Kearns, Hermann Stamm, Tom Van Teunenbroek, Andrej Kobe, Hendrik Emons, others to be announced
16:50	00:10	17:00	Close of the session	Prof. Kenneth Dawson, CBNI

20:00	Gala Dinner - Knossos Royal hotel			
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Thur 16th July

Session 2: Greek and Crete Nano Research				
Chair	Prof. Kenneth Dawson			
Chair	Dr. Anil Patri			
08:00	00:20	08:20	FORTH/IESL highlights and perspectives	Prof. Spiros H. Anastasiadis, Director of IESL-FORTH & University of Crete
08:20	00:20	08:40	Novel biomaterials development, characterization and diagnostics for nanosafety studies	Dr. Emmanuel Stratakis, IESL-FORTH
08:40	00:20	09:00	Brain-on-Chip: developing new CNS drug screening platforms	Prof. Achilleas Gravanis, University of Crete

Highlight Session				
Chair	Prof. Kenneth Dawson			
Chair	Dr. Anil Patri			
09:00	00:40	09:40	Critical reflections on nanosafety	Dr. Günter Oberdörster, Emeritus Professor of Toxicology, Dept. of Environmental Medicine, University of Rochester, NY, USA

Session 3: Progress on "Quality" to date; operational activity				
Chair	Dr. Tom Van Teunenbroek			
Chair	Dr. Peter Kearns			
09:45	00:20	10:05	Nature nano reproducibility initiative	Dr. Ai Lin Chun, Nature
10:05	00:30	10:35	Nanosafety research-are we on the right track?	Prof. Harald Krug, Empa
10:35	00:30	11:05	Measurement benchmarks for reliable nanomaterial	Prof. Dr. Hendrik Emons, JRC
11:05	00:30	11:35	Coffee Break	
11:35	00:20	11:55	Characterising and quantifying nanoparticle interactions	Dr. Anna Salvati, University of
11:55	00:20	12:15	Reproducibility in characterizing nanomaterials using optical techniques	Prof Dominique Langevin, Centre national de la recherche scientifique
12:15	00:20	12:35	Community governance for nano innovation	Dr. Iseult Lynch, The University of Birmingham
12:35	00:05	12:40	Close of session	

Session 4: Round Robins, inter laboratory comparison and tools for the community governance				
Chair	Prof. Rena Bizio			
Chair	Prof Dominique Langevin			
12:40	00:20	13:00	Synthesis, variability and stability of nanoparticles	Dr. Hans Rudolf Paur, Karlsruher Institut für Technologie
13:00	00:20	13:20	Round robins as a tool to measure and improve quality	Dr. Andrea Haase, BfR
13:20	00:20	13:40	Introducing best practice in nanomaterials' biological	Dr. Inge Nelissen, VITO
13:40	00:20	14:00	Improving repeatability and reproducibility of size and concentration measurements using nanoparticle tracking analysis	Dr. Patrick Hole, Malvern Instruments Limited
14:00	01:00	15:00	Lunch	
Chair	Prof. Dr. Hendrik Emons			
Chair	Prof. Thimios Mitsiadis			
15:00	00:20	15:20	Measuring nanoparticles in complex media	Dr. Anna Undas, Wageningen
15:20	00:20	15:40	The importance of reproducible high quality data and metadata for modelling efforts	Dr. Christoffer Aberg, University of Groningen
15:40	00:20	16:00	Knowledge-based integration supporting risk assessment in nano safety	Dr. Barry Hardy, Douglas Connect
16:00	00:30	16:30	Coffee Break	
Chair	Prof. Harald Krug			
Chair	Dr. Emmanuel Stratakis			
16:30	00:20	16:50	Use of published toxicology facing risk assessors. Thoughts from a risk assessor and editor of the journal	Dr. Håkan Wallin, National Research Centre for the Working Environment
16:50	00:20	17:10	Training for a European nano safety base	Dr. Marco Monopoli, University College Dublin
17:10	00:10	17:20	Advancing actionable collaboration across the US-EU Communities of Research (Part I)	Dr. Barry Hardy, Douglas Connect
17:20	00:10	17:30	Advancing actionable collaboration across the US-EU Communities of Research (Part II)	Prof. Teresa F Fernandes, Heriot-Watt University, Edinburgh
17:30	00:30	18:00	Open panel discussion, round table, all projects	

19:00	02:00	21:00	Poster Session & Refreshments	
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Friday 17th July

Session 5: Crete Nano Research network				
Chair	Prof Spiros Anastasiadis			
Chair	Dr. Andrea Haase			
08:30	00:20	08:50	Regenerative dentistry using stem cells and nanotechnology	Prof. Thimios Mitsiadis, University of Zurich
08:50	00:20	09:10	Novel Methodologies to Induce Osteodifferentiation of Human Adult Mesenchymal Stem Cells	Prof. Rena Bizios, The University of Texas at San Antonio

Session 6: International perspective on nano research				
Chair	Prof. Kenneth Dawson			
Chair	Prof. Rena Bizios			
09:10	00:10	09:20	Chinese perspective on nano research	Prof. Liming Xie, National Center for Nanoscience and Technology (NCNST), China
09:20	00:10	09:30	Brazilian perspective on nano research	Mr Ary Correa

Session 7: Policy to Standards				
Chair	Dr. Anil Patri			
Chair	Dr. Georgios Katalagarianakis			
09:30	00:20	09:50	Policy Issues in Nanosafety	Dr. Hermann Stamm, JRC
09:50	00:20	10:10	Standards supporting Regulation and Industrial Application	Mr. Patrice Conner, AFNOR, Secretary of CEN/TC 352
10:10	00:20	10:30	The quest for reliable regulatory relevant data	Dr. Tom Van Teunenbroek (NANoREG) , Ministry of Infrastructure and the Environment,
10:30	00:20	10:50	Regulatory needs for verifiable data	Andrej Kobe, European Commission, DG Environment

10:50	00:30	11:20	Coffee Break	
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Session 8: The way forward				
Chair	Prof. Kenneth Dawson			
Chair	Dr. Tom Van Teunenbroek			
11:20	01:30	12:50	Open panel discussion, round table, all projects	Closing remarks from: Anil Patri, Hermann Stamm, Andrej Kobe, Tom Van Teunenbroek, Kenneth Dawson, others to be announced
12:50	00:25	13:15	Summary & Close	Prof. Kenneth Dawson & Dr. Tom Van Teunenbroek

13:15	00:40	13:55	Lunch	
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14:15	Trip to Archaeological site of Knossos			
20:00	Dinner - FORTH			