






09 :30	Opening session (Plenary)	
	Welcome address by representatives of the Canton de Vaud and the City of Lausanne	
	Prof. Patrick Aebischer , President EPFL	
	<i>Nanocrystalline Junctions and Mesoscopic Solar Cells</i> , Prof. Michaël Graetzel , EPFL	
10 :45	Break	
11 :15	Nano for Energy (Plenary)	
	<i>Optofluidics for Energy</i> , Prof. Demetri Psaltis , EPFL	
	<i>Nanogenerators for self-powered system and portable electronics</i> , Prof. Zhong Lin Wang , Georgia Tech, USA	
	<i>Micro and Nanotechnologies: Which Potential for Ultra-low Cost Solar Electricity ?</i> , Prof. Christophe Ballif , EPFL	
	<i>The Battery 500 Project: Lithium/Air Battery Research at IBM</i> , Dr. Winfried Wilcke , IBM, USA	
12 :45	Lunch	
14 :00	Nano for Photonics	Nano for ICT
	<i>Light-Matter States and Molecules</i> Prof. Thomas Ebbesen , Uni Strasbourg, FR	<i>Rethinking high-performance computer systems</i> Dr. Ron Ho , Oracle, USA
	<i>Title to be defined</i> Prof. Tobias Kippenberg , EPFL	<i>Low power for smart autonomous systems</i> Prof. Adrian Ionescu , EPFL
	<i>Optical antennas to control light at the nanoscale</i> , Prof. Olivier J. F. Martin , EPFL	<i>New materials for nanoelectronics</i> Prof. Andreas Kis , EPFL Speaker pending
16 :00	Break	
16 :30	Nano for Life Sciences (I) (Plenary)	iCAN Swiss Qualifications
	<i>Nanomedicine</i> , Prof. Jim Gimzewski , UCLA, USA	
	<i>Nano-photonics and Nano -electronics Tools for Single Molecule Biophysics</i> Prof. Aleksandra Radenovic , EPFL	
	<i>Micro- and Nano- Tools for Life Sciences R&D</i> , Dr. Harry Heinzelmann , CSEM	
	<i>Looking Deeper into Darwin through Nanotechnology</i> , Prof. Robert Austin , Princeton, USA	
18 :00	Apero & Standing Dinner	

08 :45		Nano for Life Sciences (II) (Plenary)		Nanoparticles in Medicine: Toxicity Methods and Standards
		<i>Large-Scale Integration of Active Nanosensors</i> , Michael Roukes , Caltech, USA		
		<i>Nanomedicine – Buzzword or unmissable opportunity for Switzerland ?</i> , Prof. Peter Seitz , CSEM		
		<i>Bionanotools to image, quantify and manipulate the cellular machinery at molecular resolution</i> , Prof. Daniel Müller , ETHZ, Basel		
		<i>Nano carriers as inhalative medicine</i> , Prof. Barbara Rothen-Rutishauser , Adolphe Merkle Institute, Fribourg		
10 :45 Break				
11 :15	Nano and Consumer Products	 CTI Micro-Nano Event	Nanocom & Nanofutures Investors forum	 Particles, Molecules & Cells - Diagnosis in-vitro & in-vivo - Rheumatoid Arthritis & Osteoarthritis See separate program here
	<i>How do nano-structured films improve consumer products?</i> , Dr. Rita Hofmann , Ilford	<i>News from CTI</i> Dr. Klara Sekanina , CTI		
	<i>Design of nanoparticles for consumer goods</i> Dr. Karsten Wegner , ETH Zurich	<i>Picoprojector Module</i> Dr. Nicolas Abelé , Lemoptix SA		
	<i>Nano structured surfaces and consumer applications</i> , Dr. Ross Stanley , CSEM	Posters presentations		
12 :45 Lunch				
14 :00	Nano for Air & Water Quality		 	
	<i>The application of nanoparticles in remediation - engineer's boon or bane ?</i> Frank von der Kammer , University of Vienna	<i>Nanodevice prototyping: Chemistry meets electron microscopes</i> , Dr. Stephan Fahlbusch , Alemnis GmbH		
	<i>How do nanoparticles interact with aquatic organisms?</i> , Dr. Renata Behra , Eawag	<i>An optical zoom in your mobile phone: Tunable lens technology</i> , Dr. Chauncey Greatzel , Optotune AG		
	<i>Functional nano-membranes for water purification and desalination: synthesis & optimization</i> , Prof. Hyung Gyu Park , ETH Zurich	<i>Highly Efficient 2D Light Diffusers</i> , Dr. Reinhard Völkel , SUSS MicroOptics SA		
	<i>Safety Evaluation of Nanocomposites and Removal of Nanoscale Contaminants</i> Prof. Jing Wang , EMPA + ETH Zurich			
16 :00 Break				
16 :15	Public session in French	<i>Latent Reactive Hotmelts and Adhesive Films</i> Dr. Adrian Schulthess , Collano Adhesives		
	<i>Title to be defined</i> , Prof. Dominique Vinck , Uni Lausanne	<i>Challenges in industrialization of a research excellence in flexible solar cell technology</i> Prof. Ayodhya N. Tiwari , Flisom AG		
	Place publique nano	Keynote : <i>Commercial Sensor Innovation: from Spotting the First Opportunity to Continuous Product Evolution</i> , Dr. Matthias Streiff , Sensirion		
18 :30 Apero				



your Swiss guide to European research

Wednesday 23 May 2012

19 :30

Social dinner



your Swiss guide to European research

Thursday 24 May 2012

09 :00

Registration meet@nano and coffee

Research and Innovation with FP7 projects

How to become a successful NMP coordinator?

Dr. med. Pascal **Senn**, InselspitalBern

Experiences as project partner in PPP projects

Van Kay **Nguyen**, CADCAMation SA

09 :50

Break

10 :20

Briefing with the Commission and experts on NMP and PPP

What makes a good proposal in the eyes of the evaluator

Prof. Helena **van Swygenhoven**, PSI, (tbc)

The European perspective towards call 2013 and Horizon 2020

Dr. Andrea **Gentili**, EC Industrial technologies Directorate

Questions and answers

12 :00

Networking Lunch

13 :30

International Brokerage event: face to face meetings: Session 1

15 :15

Break

15 :45

International Brokerage event: face to face meetings: Session 2

17.30

Apero



your Swiss guide to European research

Friday 25 May 2012

08 :30

Company visits
Medical and watchmaking SMEs

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11.30