





<b>09 :30</b>	Opening session (Plenary) - <i>Chair: Prof. Nico <b>de Rooij</b>, EPFL/CSEM</i>	
	Welcome address by Daniel <b>Brélaz</b> , Syndic of the city of Lausanne	
	Welcome address by Philippe <b>Leuba</b> , State Councilor of the Canton de Vaud	
	Welcome address by Prof. Patrick <b>Aebischer</b> , President of the EPFL	
<b>10h00</b>	<b>Keynote:</b> <i>Nanocrystalline Junctions and Mesoscopic Solar Cells</i> , Prof. Michaël <b>Graetzel</b> , EPFL	
<b>10 :45</b>	Break	
<b>11 :00</b>	Nano for Energy (Plenary) - <i>Chair: Dr. Pierangelo <b>Gröning</b>, EMPA</i>	
	<i>Optofluidics for Energy</i> , Prof. Demetri <b>Psaltis</b> , EPFL	
	<i>Nanogenerators for self-powered system and portable electronics</i> , Prof. Zhong Lin <b>Wang</b> , Georgia Tech, USA	
	<i>Micro and Nanotechnologies: Which Potential for Ultra-low Cost Solar Electricity?</i> Prof. Christophe <b>Ballif</b> , EPFL	
	<i>The Battery 500 Project: Lithium/Air Battery Research at IBM</i> , Dr. Winfried <b>Wilcke</b> , IBM, USA	
<b>13 :00</b>	Lunch	
<b>14 :15</b>	<p>Nano for Photonics <i>Chair: Prof. Jens <b>Gobrecht</b>, PSI</i></p> <p><i>Light-Matter States and Molecules</i> Prof. Thomas <b>Ebbesen</b>, Uni Strasbourg, FR</p> <p><i>Cavity Optomechanics: controlling mechanical motion with light at the quantum level</i> Prof. Tobias <b>Kippenberg</b>, EPFL</p> <p><i>Optical antennas to control light at the nanoscale</i>, Prof. Olivier J. F. <b>Martin</b>, EPFL</p>	<p>Nano for ICT <i>Chair: Dr. Cosmin <b>Roman</b>, ETHZ</i></p> <p><i>Rethinking high-performance computer systems</i> Dr. Ron <b>Ho</b>, Oracle, USA</p> <p><i>Low power for smart autonomous systems</i> Prof. Adrian <b>Ionescu</b>, EPFL</p> <p><i>New materials for nanoelectronics</i> Prof. Andreas <b>Kis</b>, EPFL Speaker pending</p>
	<p>iCAN Swiss Qualifications</p> 	
<b>15 :45</b>	Break	
<b>16 :15</b>	Nano for Life Sciences (I) (Plenary) – <i>Chair: Prof. Christian <b>Schönenberger</b>, Univ. Basel</i>	
	<i>Nanomedicine</i> , Prof. Jim <b>Gimzewski</b> , UCLA, USA	
	<i>Nano-photonics and Nano -electronics Tools for Single Molecule Biophysics</i> Prof. Aleksandra <b>Radenovic</b> , EPFL	
	<i>Micro- and Nano- Tools for Life Sciences R&amp;D</i> , Dr. Harry <b>Heinzemann</b> , CSEM	
	<i>Looking Deeper into Darwin through Nanotechnology</i> , Prof. Robert <b>Austin</b> , Princeton, USA	
<b>18 :15</b>	Apero & Standing Dinner	

<b>08 :45</b>		Nano for Life Sciences (II) (Plenary) – Chair: Prof. Rudolf <b>Buser</b> , NTB	
		<i>Large-Scale Integration of Active Nanosensors</i> , Michael <b>Roukes</b> , Caltech, USA	
		<i>Nanomedicine – Buzzword or unmissable opportunity for Switzerland ?</i> , Prof. Peter <b>Seitz</b> , Hamamatsu Photonics	
		<i>Bionanotools to image, quantify and manipulate the cellular machinery at molecular resolution</i> , Prof. Daniel <b>Müller</b> , ETHZ, Basel	
		<i>Nano carriers as inhalative medicine</i> , Prof. Barbara <b>Rothen-Rutishauser</b> , Adolphe Merkle Institute, Fribourg	
<b>10 :45</b>			
<b>11 :15</b>	Nano and Consumer Products Chair: Prof. Barbara <b>Rothen-Rutishauser</b> , AMI	 CTI Micro-Nano Event	  Investors forum  <b>11:25</b> Keynote from <b>A. Sallin</b> , NanoDimension
	<i>How do nano-structured films improve consumer products?</i> , Dr. Rita <b>Hofmann</b> , Ilford	<i>News from CTI</i> Dr. Klara <b>Sekanina</b> , CTI	
	<i>Design of nanoparticles for consumer goods</i> Dr. Karsten <b>Wegner</b> , ETH Zurich	<i>Picoprojector Module</i> Dr. Nicolas <b>Abelé</b> , Lemoptix SA	
	<i>Nano structured surfaces and consumer applications</i> , Dr. Ross <b>Stanley</b> , CSEM	Posters presentations	
<b>12 :45</b>		Lunch	
<b>14 :15</b>	Nano for Air & Water Quality Chair: Prof. Herbert <b>Keppner</b> , HE-Arc		<b>14:00</b> Keynotes from Jaideep <b>Raje</b> , Lux Research Karl <b>Hoehener</b> , Temas  See separate program <a href="#">here</a>
	<i>How do nanoparticles interact with aquatic organisms?</i> , Dr. Renata <b>Behra</b> , Eawag	<i>Nanodevice prototyping: Chemistry meets electron microscopes</i> , Dr. Stephan <b>Fahlbusch</b> , Alemnis GmbH	
	<i>Functional nano-membranes for water purification and desalination: synthesis &amp; optimization</i> , Prof. Hyung Gyu <b>Park</b> , ETH Zurich	<i>An optical zoom in your mobile phone: Tunable lens technology</i> , Dr. Chauncey <b>Greatzel</b> , Optotune AG	
	<i>Safety Evaluation of Nanocomposites and Removal of Nanoscale Contaminants</i> Prof. Jing <b>Wang</b> , EMPA + ETH Zurich	<i>Highly Efficient 2D Light Diffusers</i> , Dr. Reinhard <b>Völkel</b> , SUSS MicroOptics SA	
<b>15 :45</b>		Break	
<b>16 :15</b>	Public session in French  <i>Nanotechnologies et société: dialogue ou divorce?</i> Prof. Dominique <b>Vinck</b> , Uni Lausanne  Place publique nano	<i>Latent Reactive Hotmelts and Adhesive Films</i> Dr. Adrian <b>Schulthess</b> , Collano Adhesives  <i>Challenges in industrialization of a research excellence in flexible solar cell technology</i> Prof. Ayodhya N. <b>Tiwari</b> , Flisom AG  Keynote : <i>Commercial Sensor Innovation: from Spotting the First Opportunity to Continuous Product Evolution</i> , Dr. Matthias <b>Streiff</b> , Sensirion	
<b>18 :30</b>		Apero	



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## Wednesday 23 May 2012

19 :30

Social dinner



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## 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

*The experience of an evaluator*

Karl **Höhener**, TEMAS AG

*The European perspective towards call 2013 and Horizon 2020*

Dr. Cristina **Fernandez-Ramos**, EC Industrial Technologies Directorate

Questions and answers

Networking Lunch

12 :00

International Brokerage event: face to face meetings: Session 1

13 :30

Break

15 :15

International Brokerage event: face to face meetings: Session 2

15 :45

17.30

Apero



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## Friday 25 May 2012

08 :30

Company visits  
Medtronic in Tolochenaz  
dynatec in Préverenges

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11.30