



## Third Annual Meeting 2002 TOP NANO 21

### A Success Story of Research and Technology Application at the Nanometer Scale

October 1, 2002, Kursaal, Berne

### NANO-Technology a Swiss Key Competence

at 08:30	Registration	
09:45	Welcome and Introduction	Dr. J. Kaufmann Head Division Innovation, Federal Office for Professional Education and Technology OPET, Bern
09:55	Overview of the scientific results	Prof. H.-J. Güntherodt Management Team TOP NANO 21, heads the Swiss National Center of Competence in Research (NCCR) in Nanoscience, University of Basel
10:10	<b>Industry reports successful projects and visions for the future</b> Surface modeling and perfume's optimization: A nanoscience approach Development of new and improved coatings for cutting tools Hybrid nanosized barrier coatings on polymer substrates Nanotechnology at General Electric's Global Research Center	Dr. M. Velazco, Firmenich SA, Genève A. Schütze, Balzers Limited, Balzers Dr. P. Fayet, Tetra Pak (Suisse) SA, Romont H. Bornemann, GE International
11:30	Introduction and overview: Exhibition " <b>Special demonstrators</b> ", practical applications at the NANO-dimension and -technology	Management Team TOP NANO 21
12:00	Lunch <b>Poster session and Special demonstrators</b>	approx. 120 posters
14:00	The National Research Programme: "Supramolecular Functional Materials", results and outlook	Dr. M. Mayor, NRP 47, Bern
14:15	<b>Presentations of scientific results by academia</b> Nanoscale patterned interfaces for biomaterials and biosensor applications Magnetic data storage: The need for high resolution magnetic imaging The fascination world of nano crystals, from batteries to solar cells Hyperbranched polymers for nano-composites Printing meets lithography: Soft approaches to high resolution patterning	Prof. M. Textor, ETH Zürich Dr. H. J. Hug, University of Basel Prof. M. Grätzel, EPF Lausanne Prof. J.-A. E. Manson, EPF Lausanne Dr. B. Michel, IBM Zurich Research Laboratory, Rüschlikon
15:30	Pause	
16:00	<b>Swiss Nano Innovation System (SNIS)</b> The SNIS and the future support of nanotechnologies by CTI Promotion instrument to support international business activities of Swiss companies 6th European Framework Programme: Nanotechnologies, intelligent materials and new production processes Swiss Association for Materials Technology: Synthesis of the workshop nanomaterials and materials for nanosciences CTI Start-up: A platform for Start-up generation	K. Höhener, Management Team TOP NANO 21, CEO of TEMAS Ltd., Arbon Dr. T. Hafen, seco, Bern St. Müller, Euresearch, Bern Dr. M. Hofmann, SVMT, Messen Dr. U. Althaus, CTI Start-up, Bern
17:00	Closing remarks and end of meeting	
<b>08:30 - 18:00 The poster session is also open before the opening remarks, during lunch and after closing remarks</b>		
<b>09:00 - 17:00 The special demonstrator exhibition in the hall Bella Vista</b>		