

SCOPES 2005-2008: List of approved JRP and IP with participation of the Swiss Federal Institute of Technology (EPFL)

No	Title	Partner	Institution	City	Country	Start	Duration	Type	Amount
IB7320-110869	Mn and Cu doped nanowires prepared by electrodeposition in ion track templates	Ansermet Jean-Philipp	Lab. de physique des mat. nanostructurés EPFL - SB - IPN - LPMN	Lausanne	CH	01.10.2005	36	JRP	63'660
		Enculescu Ionut-Marius	Institutul National de Cercetare Dezvoltare pentru Fizica Materialelor	Bucharest Magurele	RO				
IB7320-110942	Turbomachinery swirling flow optimisation and control with technology of magnetorheological fluid svstems	Avellan François	Lab. de Machines Hydrauliques - LMH Institut des sciences de l'énergie - ISE EPF - Lausanne	Lausanne	CH	01.01.2006	36	JRP	59'500
		Susan-Resiga Romeo Florin	National Centre for Engineering of Systems with Complex Fluids 'Politehnica' University of Timisoara	Timisoara	RO				
IB7320-111050	Experimental and theoretical investigation of the shape effects on the optical and dynamical properties of metallic nanoparticles	Chergui Majed	Lab. de spéctroscopie ultrarapide Inst. des sciences et ingénierie chimiques EPFL- SB - ISIC - LSU	Lausanne	CH	01.09.2005	24	JRP	48'000
		Melikyan Armen	State Engineering University of Armenia	Yerevan	AM				
IB7320-110794	Experimental and theoretical investigations of low viscosity ionic liquids	Dyson Paul	Lab. de chimie organométal. et médicinale Inst. des sciences et ingénierie chimique EPFL - SB - ISIC - LCOM	Lausanne	CH	01.09.2005	24	JRP	29'820
		Katsyuba Sergey	A. E. Arbuzov Institute of Organic and Physical Chemistry Russian Academy of Sciences	Kazan	RU				
IB7320-111044	Thermal-transport and magnetic properties of highly frustrated magnets	Forro Laszlo	Laboratoire de nanostructures et nouveaux matériaux électroniques LNNME - IPMC - EPF - Lausanne	Lausanne	CH	01.10.2005	36	JRP	71'850

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		Smontara Ana	Institute of Physics University of Zagreb	Zagreb	HR					
IB7320-111073	Deposition - characterization - irradiation of chalcogenide films for lithography (DECHIR-CHAFLI)	Hoffmann Patrick	Laboratoire d'optique appliquée Institut d'imagerie et optique appliquée EPFL - STI - IOA - LOA	Lausanne	CH	01.09.2005	36	JRP	68'200	
		Seisyan Ruben Pawlovitch	A.F. Ioffe Physical-Technical Institute Russian Academy of Sciences	St. Petersburg	RU					
		Mihailescu Ion. N.	Laser-Surface-Plasma Interactions Lab. Lasers Dept. Nat.Inst. f. Laser, Plasma and Radiat. Phys.	Magurele	RO					
IB7320-110986	Confined excitons: interaction and localisation effects	Kapon Eli	Laboratoire de physique des nanostructures LPN - IPEQ - SB - EPFL	Lausanne	CH	01.10.2005	36	JRP	72'000	
		Oberli Daniel	Laboratoire d'optoélectronique quantique LOEQ - IPEQ - SB - EPFL	Lausanne	CH					
		Suris Robert	A.F. Ioffe Physical-Technical Institute Russian Academy of Sciences	St. Petersburg	RU					
		Keldysh Leonid	P.N. Lebedev Physical Institute Russian Academy of Sciences	Moscow	RU					
IB7320-110901	Innovative reactor combining plasma and structured catalyst for the destruction of industrial pollutants	Kiwi-Minsker Lioubov	Lab. de génie de la réaction chimique Inst. des sciences et ingénierie chimiques EPFL -SB - ISIC -LGRC	Lausanne	CH	01.10.2005	36	JRP	72'000	
		Magureanu Monica	National Institute for Lasers Plasma and Radiation Physics (INFLPR)	Magurele-Bucharest	RO					
IB7320-110923	Micro-nano cantilever based detection of small electromagnetic forces	Popovic Radivoje	Institut de microélectronique et de microsystèmes EPFL - STI - IMM	Lausanne	CH	01.09.2005	36	JRP	71'990	
		Forro Laszlo	Laboratoire de nanostructures et nouveaux matériaux électroniques LNNME - IPMC - EPF - Lausanne	Lausanne	CH					
		Djuric Zoran	Institute of Microelectronic Technologies and Single Crystals (IHTM)	Belgrade	SM					

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IB7320-110721	Applied symplectic geometry and modelling of materials	Ratiu Tudor	Chaire d'analyse géométrique Institut de mathématiques B CAG - IMB - SB - EPFL	Lausanne	CH	01.10.2005	36	JRP	60'200
		Brinzanescu Vasile	Institute of Mathematics Simion Stoilow of the Romanian Academy	Bucharest	RO				
		Putu Mircea	West University of Timisoara	Timisoara	RO				
IB7320-110933	Black Sea Ecotoxicity Assessment (BSEA)	Slaveykova-Startcheva	Institut des sciences et technologies de l'environnement ISTE - ENAC - EPFL	Lausanne	CH	01.10.2005	36	JRP	72'000
		Tsalev Dimiter	Faculty of Chemistry University of Sofia	Sofia	BG				
		Karadjova Irina	Faculty of Chemistry University of Sofia	Sofia	BG				
IB7320-111151	Stimuli-responsive and self-organizing polymers: Molecular and functionality design for medical, pharmaceutical and biotechnological applications	Wandrey Christine	Laboratoire de médecine régénérative et de pharmacobiologie 2 EPFL - SB - ISIC - LMRP2	Lausanne	CH	01.11.2005	36	JRP	71'100
		Christova Darinka	Institute of Polymers Bulgarian Academy of Sciences	Sofia	BG				