Laserlab Europe User Meeting, Paris, France



	Europe	
	28 November 2018	
14:30-17:00	Tour of the APOLLON and ATTOLAB laser facilities (from/to Massy-Palaiseau RER station)	
29 November	- Charpak amphitheater, Jussieu campus, Sorbonne university	
09:30-09:40	Welcome addresses Astrid Lambrecht, Director of the CNRS Institute of Physics (tbc)	
09:40-10:10	The Laserlab-Europe TransNational Access Activity	
	Didier Normand, Chair, Laserlab-Europe Access Board	
	Session I: Imaging techniques & Technologies I	
	Chair: Rosa Weigand, Universidad Complutense, Spain	
10:10-10:30	Karel Zidek, TOPTEC, IPP, Czech Republic	
	"Compressive Imaging of Transient Absorption Dynamics on the Femtosecond Timescale"	
	(project performed at LLC)	
10:30-10:50	Yannick Deshayes, Laboratoire de l'Intégration du Matériau au Système, France	
	"Packaging-induced stress analysis in high-power DFB laser diode at 975nm"	
	(project performed at MBI)	
10:50-11:20	Coffee Break	
11:20-11:40	Xavier Ropagnol, INRS-EMT, Canada	
	"Sub-terahertz radiation from large aperture photoconductive antennas excited from UV	
	laser beam" (project performed at DP-USZ)	
11:40-12:00	Frank Rosmej, LULI, France	
	"The transition from discrete to continuous spectra in dense media: two channel high-	
	resolution X-ray imaging of Rydberg-transitions" (project performed at PALS)	
12:00-13:00	Round table	
13:00-14:20	Lunch	
	Session II: Life-oriented research	
	Chair: Ingo Fischer, University of Würzburg, Germany	
14:20-14:40	Carlo Altucci, Università "Federico II" of Napoli, Italy	
	"Time-resolved study of the laser mediated interactions between specially designed	
	model system peptides" (project performed at LIDYL/SLIC)	
14:40-15:00	Daniela Täuber, Leibniz Institute of Photonic Technology, Germany	
	"Imaging nanoscale aggregation of proteins ex vivo using the contrast in Förster	
	resonance energy transfer obtained from 2D polarization fluorescence imaging (2D	
	POLIM)" (project performed at LLC)	
15:00-15:20	Kris Vissenberg, University of Antwerp, Belgium	
	"Regulation of root hair growth in the model plant Arabidopsis thaliana"	
	(project performed at CUSBO)	
15:20-15:40	Tim Schäfer, University of Göttingen, Germany	
	"Photoelectron circular dichroism of fenchone from multiphoton ionization with	
	nanosecond laser pulses" (project performed at ULF-FORTH)	
15:40-16:20	Coffee Break	
	Session III: Condensed matter	
	Chair: Helder Crespo, University of Porto, Portugal	
16:20-16:40	Manuel de Anda Villa, Institut des NanoSciences de Paris (INSP), France	
10.20 10.40	"Ultrafast structural dynamics probed by photoelectron spectroscopy"	
	(project performed at CELIA)	
16:40-17:00	Dmitry Spasskiy, Skobeltsyn Institute of Nuclear Physics, Lomonosov Moscow State	
10.40 17.00	University, Russia	
	"Non-linear effect of the interaction of the self-trapped excitons under dense laser	
	excitation in molybdates" (project performed at CELIA)	
17:00-17:20	Davide Bossini, Technical University of Dortmund, Germany	
17.00-17.20	"Ultrafast manipulations of high-energy spin excitations"	
	(project performed at CUSBO)	

Status: 19 November 2018

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17:20-17:40	Vitali Nagirnyi, Institute of Physics, University of Tartu, Estonia
	"Cooperative luminescence of Yb pairs in Li6Y(BO3)3 single crystals"
10001=10	(project performed at VULRC)
16:20-17:40	Laserlab Access Board Meeting (in parallel, LULI meeting room)
19:00	Meeting Dinner
30 November	- Charpak amphitheater, Jussieu campus, Sorbonne university
	Session IV: Atomic - Molecular Physics & Chemistry
0.00.00.00	Chair: Oldrich Renner, Institute of Physics, Czech Republic
9:30-09:50	Patrick Dupré, Laboratoire de Physico-Chimie de l'Atmosphère, France
	"Sensitive Sub-Doppler Metrology in Cavity: from C2H2 to HD"
09:50-10:10	(project performed at LLAMS)
	Arne Senftleben, University of Kassel, Germany
	"Photoelectron circular dichroism and laser-induced electron diffraction of chiral
	fenchone molecules" (project performed at ICFO) Devendra Mani, University of Bochum, Germany
	"Dissociation of HCl at 0.4 K: Sequence Matters" (project performed at FELIX)
10:30-10:50	Caterina Vozzi, CNR-IFN, Italy
	"Time resolved photoelectron circular dichroism" (project performed at FERMI)
10:50-11:20	Coffee Break
10.50 11.20	Session V: Imaging techniques & Technologies II
	Chair: Jouko Korppi-Tommola, University Jyväskylä, Finland
11:20-11:40	Aleksei Murzanev, IAP RAS, Russia
	"Measurements of fluence profile and plasma density in femtosecond laser filaments and
	superfilament in ambient air under different convergence of terawatt laser pulses"
	(project performed at HIJ-FSU)
11:40-12:00	Milutin Kovacev, Leibniz University Hannover, Germany
	"Nanoscale lensless stereo imaging using dual coherent soft X-ray beams"
	(project performed at LIDYL/SLIC)
12:00-12:20	Mabel Ruiz-Lopez, DESY, Germany
	"Schwarzschild objective alignment by means of wavefront diagnosis"
	(project performed at LOA)
12:20-12:40	Michael Zuerch, University of Jena, Germany
	"Single Shot XUV Nanoimaging Using an Intense Femtosecond Soft X-ray Laser"
12 10 11 00	(project performed at LOA)
12:40-14:00	Lunch
	Session VI: Plasma physics Chair Voldas Sirutkaitis, VIII BC Lithuania
44.00.44.20	Chair: Valdas Sirutkaitis, VULRC, Lithuania
14:00-14:20	Ross Gray, University of Strathclyde, UK
	"Intense laser-energy coupling and partition in the transition to relativistically
14:20-14:40	transparent laser-plasmas" (project performed at GSI) Francesco Barbato, Swiss Federal Laboratory for Materials & Technology, Switzerland
	"Quantitative X-ray Phase Contrast Imaging of a laser driven shock wave"
	(project performed at GSI)
14:40-15:00	Luca Volpe, Centro de Láseres Pulsados (CLPU), Spain
	"Enhanced relativistic-electron beam collimation using two consecutive laser pulses"
	(project performed at LULI)
15:00-15:20	Closing remarks
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Status: 19 November 2018