

LAPHIA annual symposium 2016 – 4th edition
ICMCB laboratory – 87, Avenue du Docteur Schweitzer – Pessac - France
<http://laphiasymposium.u-bordeaux.fr>

9:00 - 9:30 am		D.PAGNOUX - XLIM (Limoges) <i>Recent breakthrough in advanced imaging techniques through optical fibers for biomedical applications</i>
9:30 - 10:00 am		B.AUDOIN - I2M (Bordeaux) <i>All optical single cell ultrasonography to image inhomogenous cell impedance and adhesion</i>
10:00 - 10:30 am	REGISTRATION - Hall ICMCB	P.LEPROUX - XLIM (Limoges) <i>Multimodal imaging under supercontinuum illumination and electric field stimulation</i>
10:30 - 11:00 am	L.CANIONI, P.BOUYER, P.BALCOU, E.FARGIN- LAPHIA (Bordeaux) <i>Presentation of the mid-term report</i>	Coffee break - Hall ICMCB
11:00 - 11:30 am	A.LARGETEAU - ICMCB (Bordeaux) <i>Fluoride optical ceramics for infrared and other optical applications (FOCI passport project)</i>	E.DI FOLCO - LAB (Bordeaux) <i>La formation planétaire et l'imagerie à haute résolution angulaire des régions de formation d'étoiles</i>
11:30 - 12:00 am	G.SANTARELLI - LP2N (Bordeaux) <i>GHz repetition rate agile frequency comb for laser picosecond acoustic spectroscopy (GigaPico risky project)</i>	C.PRADERE - I2M (Bordeaux) <i>Thermal imaging and processing devoted to multiphysics problem</i>
	V.RODRIGUEZ - ISM (Bordeaux) <i>Integrated Photonic Architectures (INPHOTARCH Collaborative project)</i>	
12:00 am - 2:00 pm	Poster session + lunch - Hall ICMCB	Poster session + lunch - Hall ICMCB
2:00 - 2:30 pm	V.COUDERC - XLIM (Limoges) <i>Coherent wavelength generation in multimode fibers</i>	Y.LOUYER - LOMA (Bordeaux) <i>Dynamics of an optically trapped nanomechanical oscillator in vacuum</i>
2:30 - 3:00 pm	D.PENNINCKX - CEA-CESTA (Bordeaux) <i>Evolution of high-power >kJ-class lasers</i>	E.CORMIER - CELIA (Bordeaux) <i>High-intensity laser sources in the midIR</i>
3:00 - 3:30 pm	S.FEVRIER - XLIM (Limoges) <i>Specialty optical fibers and femtosecond lasers</i>	R Boulesteix - SPCTS (Limoges) <i>Rare-earth oxides transparent ceramics for high power laser applications</i>
3:30 - 4:00 pm	Coffee break - Hall ICMCB	Coffee break - Hall ICMCB
4:00 - 4:30 pm	C.PEYCHERAN -IPREM (Pau) <i>Ultra trace and Isotopic analysis by high repetition rate Femtosecond Laser Ablation coupled to ICPMS (HRfsLA-ICPMS) as a response of major Societal Challenges.</i>	R.DEVILLARD - INSERM (Bordeaux) <i>Tissue engineering and laser assisted bioprinting</i>
4:30 - 5:00 pm	Guillaume BOUTOUX - CELIA (Bordeaux) <i>Towards the first experiments with PETAL</i>	S.SKUPIN - CELIA (Bordeaux) <i>Nonlocal Nonlinear Optics</i>
5:00-5:30 pm	P.THOMAS - SPCTS (Limoges) <i>Synthesis, structure, nonlinear optical and lasing properties of tellurium oxide based glasses, glass-ceramics and ceramics</i>	A.DEL GUERZO - ISM (Bordeaux) <i>Photo-patterning at the microscale of anisotropic nanofibers emitting linearly polarized light</i>
5:30 - 6:00 pm	S.JOLY - IMS (Bordeaux) <i>Time-Resolved Multispectral Imaging: Application to the characterization of photonic devices</i>	Poster prize celebration
8:00 PM	Conference dinner (<u>invitation only</u>)	