

**10th Euro-American Workshop on Information Optics (WIO-2011)
Benicàssim (Spain), 19-24 June, 2011**

	Monday 20	Tuesday 21	Wednesday 22	Thursday 23	Friday 24
Chairperson	Pedro Andrés	Yoshio Hayasaki	Hooman Mohseni	Majeed Hayat	Thierry Fournel
9 h - 9:30 h	<i>Opening session</i>	Jesús Lancis Ghost holography	Kazuo Kuroda Theory of polarization holography	Karl-Heinz Brenner Parallel non-mechanical image scanning with micro lenses and binary phase gratings	Abhijit Mahalanobis Compressive sensing of specific objects
9:30 h - 10 h	Yashaiah Fainman Nanophotonics for informaion systems	Aurélien Bourquard Optically compressed image sensing using 1-bit measurements	Javier García-Monreal Superresolution in digital holography microscopy	Ari T. Friberg Interferometric picture of partial electromagnetic coherence and polarization	Javier Hernández-Andrés From color to spectral information: a round-trip ticket
10 h - 10:30 h	Toyohiko Yatagai Doppler phase-shifting digital holography	Elisabet Pérez-Cabré Photon-counting imaging and double-random encryption integration for information verif.	Bahram Javidi / Arun Anand Digital holographic microscopy for cell identification	Changyeong Kim Autostereoscopic 3D How can we move to the next step?	Ignacio Moreno Modulation diffraction efficiency of Spatial Light Modulators
10:30 h - 11 h	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
Chairperson	Yashaiah Fainman	Pietro Ferraro	Kazuo Kuroda	Manuel Martínez-Corral	Javier Hernández-Andrés
11 h - 11:30 h	Kazuyoshi Itoh Stimulated Raman scattering microscopy for high-contrast live cell imaging	Zeev Zalevsky Geometrical Super Resolved Lensless Imaging	Majid Ebrahim-Zadeh Optical parametric oscillators: new advances	Pedro Andrés Diffractive optics for processing ultrashort light pulses	Hans Peter Herzig Miniaturized sensing systems
11:30 h - 12 h	Rainer A. Leitgeb In-vivo structural and functional optical coherence microscopy	Genaro Saavedra Optically-undistorted digital holographic microscopy for quantitative phase-contrast imaging	Hooman Mohseni Novel infrared imagers based on electron and photon mode compression	Yoshio Hayasaki Time-resolved interferometry of femtosecond-laser-induced processes	Filiberto Pla Band selection in spectral imaging for classification and regression tasks
12 h - 12:30 h	Pietro Ferraro Multi-functional digital holography tool for microfluidic platforms	José María Rodríguez-Ramos New developments at CAFADIS plenoptic camera	Pierre Marquet Measuring biophysical properties of living cells with digital holog. microscopy	Íñigo Sola Sources of VUV radiation by high harmonic generation and their characteristics	Manuel Martínez-Corral Lightfield recording and reconstruction by integral imaging
12:30 h - 13 h	Poster pop session Katkovnik, Soker, Fathi, Martínez-Cuenca, Pérez-Vizcaino	Poster pop session Dankwart, Hildebrand, Mendoza-Yero, Sánchez-Ortiga	Poster pop session Tahara, Moradi, Mínguez-Vega, Martínez-León, Micó	Jung-Young Son Light Intensity distributions of IP and MV at viewing zone	Concluding remarks P. Andrés, B. Javidi, J. Lancis, L. Martínez and E. Tajahuerce
13:30 - 14:30 h	Lunch	Lunch	Lunch	Lunch	Lunch
Chairperson	Kazuyoshi Itoh	Adrian Stern	Adrian Stern	Ari T. Friberg	
15:30 h - 16 h	Osamu Matoba Artificial scattering medium by fs laser processing and its characterization methods	<i>Visit to "Ciutat de les Arts i les Ciències" in Valencia</i>	Demetri Psaltis Imaging using second harmonic nanoparticles	Thierry Fournel Images of a chaotic material struct.: spectral decompos. modes and reaction-diff. patter.	
16 h - 16:30 h	Yasuhiro Awatsuji High-speed parallel phase-shifting digital holography		Adrian Stern Compressive sensing techniques in holography	Majeed Hayat Information-theoretic perspective of photon-counting integral imaging	
16:30 h - 17 h	Silvano Donati Self-mixing interferometry: a universal yardstick to measure almost everything		Zbigniew Jaroszewicz Metaadaptive optics	Poster session - Coffee break	
17 h - 17:30 h	Coffee break		Coffee break		
	<i>Walking tour to Oropesa del Mar</i>		<i>Visit to Peníscola castle</i>		
20:30 h	Dinner in Alcossebre	Dinner at the underwater restaurant of the aquarium.	Reception in Peníscola	Conference dinner at the restaurant of the conference venue	<i>St. John's night (Midsummer's Eve)</i>