

Session XXI: Workshop (room AF4)

09:00	12:45	Workshop	Active Learning in Optics workshop	Souad Lahmar* and Vasudevan Lakshminarayanan**	*Optical Society of Tunisia, Tunisia **University of Waterloo, Canada
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Session XXII: Curriculum development (room AF1)

Chair: Cristina Elizabeth Solano Soza

09:00	09:15	Oral	Integrating Undergraduate Research into the Electro-Optics Program	Andrew Feng Zhou	Physics Department, Indiana University of Pennsylvania
09:15	09:30	Oral	Interdisciplinary High-School Curriculum in Electro-Optics as a Tool to Enhance Students' Interest in Optics and Electronics	Aharon Gero, and Efrat Zach	Department of Education in Technology and Science, Technion - Israel Institute of Technology, Haifa, Israel
09:30	09:45	Oral	Advanced Optics in an Interdisciplinary Graduate Programme	Sile Nic Chormaic	Light-Matter Interactions Unit, OIST Graduate University, Onna-son, Japan
09:45	10:00	Oral	Photonics and Holography through Delight and Enthusiasm Itinerary of Discovery	M.Grosmann, D.Kayser	ADEPHOT L.Pasteur University Strasbourg, France
10:00	10:15	Oral	Optics and Communication Technology Major of Physics Undergraduate Degree at King Mongkut's Institute of Technology Ladkrabang	Prathan Buranasiri	King Mongkut's Institute of Technology Ladkrabang, Physics Department, Faculty of Science, Lat Krabang Bangkok, Thailand

Session XXIII: Training in collaboration with industry (room AF2)

Chair: Pedro Pombo

09:00	09:15	Oral	DEFI Photonique : a French national training project for optics and photonics industry	E. Boeri ^{1,3} , and E.Cormier ^{1,2}	1- PYLA platform, 2- Bordeaux University, 3- French Cluster « Route des Lasers » Bordeaux, France
09:15	09:30	Oral	Getting Light to Work – photonics upskilling for industry	Ray Davies, and K. Alan Shore	Photonics Academy of Wales @ Bangor Bangor University, School of Electronic Engineering, Bangor, Wales, UK
09:30	09:45	Oral	MSc degree in Color Technology for the Automotive Sector	Francisco M. Martínez-Verdú, Esther Perales, Elisabet Chorro, and Valentín Viqueira	Color & Vision Group, University Institute of Physics Applied to Sciences and Technologies, University of Alicante, Spain
09:45	10:00	Oral	ANSI Laser Standards, Education (Z136.5), Research & Development (Z136.8)	Ken Barat	Lawrence Berkeley National Laboratory, USA
10:00	10:15	Oral	Optical inspection methods and their applications in the manufactured industrial sector: Knowledge transfer to Panamanian industry	Abdiel O. Pino ¹ , Josep Pladellolens ²	1- Natural Sciences Department, Technological University of Panama, Technological University of Panama Avenue, Betania, Panama, 2- CD6 Optics and Optometry Department, Polytechnic University of Catalonia Rambla de Sant Nebridi 10, Terrassa, Spain

Friday 26 July

Session XXIV: Invited Session (room AF1)

Chair: Maria L. Calvo

11:00	11:25	Keynote	Using Concept Building in Optics to Improve student Research Skills	Mark F. Masters	Department of Physics, Indiana University Purdue University Fort Wayne (IPFW) Fort Wayne IN, USA
11:25	11:50	Keynote	A course on Foundations of Optical System Analysis and Design (FOSAD)	Lakshminarayan Hazra	Department of Applied Optics and Photonics University of Calcutta, India
11:50	12:15	Keynote	Calculation of reflected and transmitted powers of a metamaterial waveguide structure using MAPLE software	Mohammed M. Shabat	Department of Physics, Faculty of Science, Islamic University of Gaza, Palestinian Authority

Joint Special Session ETOP2013 RIAO/OPTILAS2013
Women & Optics (room AC1)

Chair: Maria J. Yzuel

14:45	16:30	Keynote	Women in Science session	Maria J. Yzuel	Universidad Autónoma de Barcelona, Spain
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