

# Joint Summer School of the European Projects CONTEST – OLIMPIA – EAGER on „System Integration“; May 26 – 28, 2014

Venue: Fraunhofer EMFT, Hansastrasse 27d, 80686 Munich, Germany, [www.emft.fraunhofer.de](http://www.emft.fraunhofer.de)

Monday, May 26 <sup>th</sup>	
11.00– 12.30	Student short presentations
	From the ITN projects OLIMPIA CONTEST EAGER
12.30-14.00	Lunch
	Session „Vision Systems“
14.00-14.45	Prof. Angel Rodriguez Vazquez, Uni. Seville: <b>“CMOS Smart Image and Vision Sensors”</b>
14.45-15.45	Prof. Klaus Mainzer, TUM: <b>“Brain-Inspired Computing Philosophy: From Vision Systems to Cyberphysical Systems”</b>
15.45-16.30	Prof. Gordon Chen, TUM: <b>“Fundamentals of Robotic Vision Systems”</b>
16.30-18:30	Student posters
	From the ITN projects OLIMPIA CONTEST EAGER
17.30-19.30	Get-together
	Location: Cafeteria, Fraunhofer EMFT

Tuesday, May 27 <sup>th</sup>	
	Session „Haptic Systems“
9.00 -9.45	Prof. Ron Howard, Notre Dame University: <b>“ Robot ethics ”</b>
9.45-10.30	Dr. Peter Szolgay, Pazmany University Budapest: <b>“Some tactile sensors and applications”</b>
10.30-11.15	Prof. Etienne Burdet, Imperial College London: <b>“Fundamentals of haptic”</b>
11.15-11.45	Coffee break
	Session „Intellectual Property“
11.45-12.30	Dr. Christian Schamper, Fraunhofer Patents & Licences: <b>“Protecting and Utilizing R&amp;D results – An Introduction to Patents and Licensing”</b>
12.30-14.00	Lunch
14.00-16.00	Pre-test and film (Prof. Kathleen Eggleson, Notre Dame University)

Wednesday, May 28 <sup>th</sup>	
	Session „Bio- & Neuro-Systems“
9.00 – 9.45	Anna Ohlander, Fraunhofer EMFT: <b>“Foil-based sensors for biochemical applications”</b>
9.45-10.30	Dr. Stefano Toffanin, CNR Bologna: <b>“Organic neuro-optoelectronics”</b>
10.30-11.15	Dr. Stefan Thalhammer, Heidenhain GmbH: <b>“Nanobiotechnology as enabler”</b>
11.15-11.35	Coffee break
11.35-12.00	Post-test (Prof. Kathleen Eggleson, Notre Dame University)
12.00-12.45	Prof. Alfred Nordmann, TU Darmstadt: <b>„Material Enhancement: From dead matter to smart environments“</b>
12.45-14.00	Lunch
	Session „System Integration“
14.00-14.45	Dr. Erwin Yacoub-George, Fraunhofer EMFT: <b>“Modular system integration on flexible film substrates”</b>
14.45-15.30	Dr. Stefan Thalhammer, Heidenhain GmbH: <b>“Market perspectives of microsystem technologies”</b>
	Session „Discussion“
15.30-16.15	<b>Group conversation</b> about the film’s implications (technical, professional, personal,societal) (Prof. Kathleen Eggleson, Notre Dame University)
16.30	End

Application forms for this Summer School can be found at: [www.emft.fraunhofer.de](http://www.emft.fraunhofer.de)  
or send an e-mail to: [nagarajan.palavesam@emft.fraunhofer.de](mailto:nagarajan.palavesam@emft.fraunhofer.de)