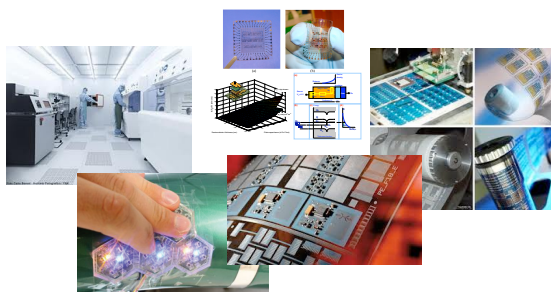


Flexible Sensors and Electronics - Materials Methods & Technologies

Catania, September 11th -13th, 2013
Summer School

Organization: ST, Fondazione Bruno
Kessler (FBK)



Summer School Timetable

WEDNESDAY	13:30-14:00	Welcome and Introduction to the Summer School	Dr. R. Dahiya (UG)/ Dr. V. Vinciguerra (ST)
	14:00-15:00	Transparent Oxides for Flexible Electronics	Prof. A. Nathan (UCAM)
	15:00-16:00	Nanostructured thin films for plastic electronics: from active to passive phases in real devices	Prof. B. Pignataro (UNIPA)
	16:00-16:30	Tea/Coffee break	
	16:30-17:30	Preparation and properties of ultra-thin and flexible silicon substrates	Dr. C. Landesberger (F. EMFT)
	17:30-18:30	Introduction to Silicon Micromachining Technology	Dr. L. Lorenzelli (FBK)
	19:30-21:30	Social Dinner	

THURSDAY	08:30-09:30	Flexible and Hybrid Integration Technologies as tools for smart integrated systems in multiple market sectors	Dr. L. Occhipinti (ST)
	09:30-10:30	Organic materials and fabrication technologies for flexible electronics	Prof. P. Lugli (TUM)
	10:30-11:00	Tea/Coffee break	
	11:00-12:00	Graphene: recent advances on the growth and nanoscale electrical characterization	Dr F. Giannazzo (CNR)
	12:00-13:00	Printed OTFT technology: PMOS backplane and CMOS circuits for large area flexible sensing surfaces	Dr R. Coppard (CEA-Liten)
	13:00-14:30	Lunch	
	14:30-16:00	Visit to ST 8" M5 Clean Room Facilities	1st group (ST)
	14:30-15:45	Hex-o-Skin Demo	Prof.G.Cheng/Dr P.Mittendorfer (TUM)
	14:45-16:15	Tea/Coffee break	
	16:15-17:45	Visit to ST 8" M5 Clean Room Facilities	2nd group (ST)
	16:15-17:45	Hex-o-Skin Demo	Prof.G.Cheng/Dr P.Mittendorfer (TUM)

FRIDAY	09:00-10:00	Ink-Jet as a tool for printing complex optoelectronic systems	Prof. M. Sampietro (POLIMI)
	10:00-10:30	Tea/Coffee break	
	10:30-11:30	Organic light-emitting and photovoltaic devices: basic structure, fundamental processes and their optimization	Prof. F. Cacialli (UCL)
	11:30-12:30	Advances in Silicon Photonics	Prof. F. Priolo (UNICT)
	12:30-13:00	Conclusion of the event	Dr. R. Dahiya(UG)/ Dr. V. Vinciguerra (ST)



	13:00-14:30	Lunch	
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