

Nanoscience and Nanotechnology

Tuesday, 18 December 2018

Transport properties, Plasmonics and Optoelectronics - Aula Salvini (14:30 - 16:35)

time	[id] title	presenter
14:30	[19] Graphene/ferroelectric devices	DRAGOMAN, Mircea
14:55	[20] High frequency devices and circuits based on Graphene	NEGRA, Renato
15:20	[21] Position-controlled patterning of the electronic and structural properties of bulk transition-metal dichalcogenides by proton-driven micro/nano-dome formation	POLIMENI, Antonio
15:45	[22] The forward rainbow scattering of low energy protons by a graphene sheet	ĆOSIĆ, Marko

Wednesday, 19 December 2018

Transport properties, Plasmonics and Optoelectronics - Aula Touschek (16:10 - 17:00)

time	[id] title	presenter
16:10	[35] Graphene Based Photonics: Enabling the Networked Society of the Future	TEMPL, Wolfgang
16:35	[36] Nanoarchitectronics and The Nano-Engineering Mission	MACI, Stefano

Transport properties, Plasmonics and Optoelectronics - Aula Touschek (17:25 - 19:05)

time	[id] title	presenter
17:25	[37] Quantum-electrical characterization of single electron device systems	PIERANTONI, Luca
17:50	[39] Opto-mechanical modelling by time-harmonic Transformation Optics and TRL calibration	MENCARELLI, Davide
18:15	[63] Robust Design applied to a Large-Signal Model of Graphene Field-Effect Transistors	LAMBERTI, Patrizia
18:40	[78] Iontronics: fundamentals, applications and the case of ionic liquid-gated InAs nanowire FETs	ROSSELLA, Francesco

Thursday, 20 December 2018

Transport properties, Plasmonics and Optoelectronics - Aula Salvini (16:45 - 18:50)

-Conveners: Luigi Ferrigno

time	[id] title	presenter
16:45	[82] Epitaxial growth of graphene and 2D heterostructures on SiC for nanoelectronic applications	Prof. MOTTA, Nunzio
17:10	[64] Tunable Microwave Components based on Few-Layer Graphene	Mr YASIR, Muhammad
17:35	[38] Electrical applications of graphene-nanoplatelets	MAFFUCCI, Antonio
18:00	[65] When loss destroys the Hilbert space: Purcell factors and strong coupling in plasmonic systems	WOLFF, Christian
18:25	[84] Tuning of Microwave Interaction by Multi-Layer Carbon Nano-Composites	PASTORE, Roberto