



9th NAMIS International Summer School
- Nano and Micro Systems -

Information Booklet

Polytechnique Montreal
CNRS
CIRMM/IIS-University of Tokyo

School Venue

Polytechnique Montreal
J.-A. Bombardier Building
Room J-1035

Montreal
June 29th – July 3rd 2015

PROGRAM

	Monday, June 29		Tuesday June 30		Wednesday, July 1
08:30	Registraion	08:30	Registration Practical information	08:30	Registration Practical information
		08:45	Practical information	08:45	Practical information
09:00	Welcome NAMIS news Organisation	09:00	Dr. Marty Deep reactive Ion Etching	09:00	Prof. Français Electrical field-bio cell interaction
09:45	Prof. Moutanabbir Nanowires: Growth and Devices	09:45	Prof. Theriault 3D printing of microsystems	09:45	Prof. Gervais Tumor response using microfluidics
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	Prof. Santato Towards a "greener" electronics	11:00	Prof. Charette Surface plasmon resonance microscopy	11:00	Prof. Ammar Integrated biofunctionalization techniques in fluidic MEMS
	Prof. Fréchette Heat Engines for waste heat harvesting		Prof. Carva Biochip Plasmonics Imaging Systems and Applications		Prof. Martel Swarms of nanorobots
12:30	Lunch	12:30	Lunch	12:30	Lunch
13:30		13:30		13:30	
13:45	Flash Presentations 1 20 x 2 min	13:45	Lab visit 1	13:45	Prof. Cicolra Organic Bioelectronics
14:30	Poster session 1				Prof. Morimoto Tissue engineering based on microfabrication techniques
		15:15	Break	15:15	
15:30	Coffee Break	15:30	Lab work 1		Team competition
15:45	Flash Presentations 2 20 x 2 min				Laser Quest
16:30	Poster session 2				B-512
		17:00	Free time	17:00	Gala Dinner (offered by NAMIS school)
17:30	Welcome Reception (offered by NAMIS school)				

PROGRAM

	Thursday, July 2		Friday, July 3
08:30	Registration Practical information	08:30	Registration Practical information
08:45	Practical information	08:45	Practical information
09:00	Prof. Francoeur Coherent optical control in nanostructures	09:00	Dr. Malndron OLEDs for microdisplays
09:45	Prof. Sankey Optically-Defined Micromechanical Sensors	09:45	Prof. Izquierdo Optoelectronic and electrochemical sensors
10:30	Coffee Break	10:30	Coffee Break
11:00	Prof. Kéna-Cohen Strong light-matter coupling regime	11:00	Prof. Drouin Monolithic 3D integration of nanoelectronic devices
	Prof. Sawan Brain-microsystem Interfaces		Prof. Blaquière Towards an Enhanced Programmable Device
12:30	Lunch	12:30	Lunch
13:30		13:30	
13:45	Lab visit 2	13:45	Prof. Bosseboeuf Wafer-level vacuum packaging
			Prof. Juncker Microfluidics for addressing key challenges in medicine
15:15	Break	15:15	Break
15:30	Lab work 2	15:30	Awards ceremony
		16:00	Next NAMIS events Adjourn of the day
		16:30	
17:00	Jazz festival		