Posters list

Graphene Canada 2016

1	**Sana Ahmed** (National Centre of Excellence in Analytical Chemistry, Pakistan) Development of atrazine imprinted graphene composites based electrochemical sensor for trace level determination of atrazine in real samples
2	**Regina Carvalho** (Centro de Desenvolvimento da Tecnologia Nuclear, Brazil) Graphene based coatings for UV radiation shielding: an improved way of protection
3	**Haider Haseeb** (University of Augsburg, Germany) Polymer Based Clay Quantum Dot Multifunctional Nano-materials: Synthesis and Characterization
4	**Alexander Krawciw** (Mt Douglas High School, Canada) Graphene: The Next Generation of Printed Circuits
5	**Tian Lan** (École Polytechnique de Montréal, Canada) Electrolyte-Gated Transistors using n-type organic molecular semiconductors: the case of PCBM as Channel Material
6	**Juyeong Oh** (Yonsei University, Korea) Graphene oxide based high-frequency modulation in electronics via optical illumination
7	**Gollavelli Ganesh** (National Chiao Tung University, Taiwan) Exploring photothermal hot spots of graphene in first and second biological window to inactivate cancer cells and pathogens
8	**Maxime Daigle** (Université Laval, Canada) A Photochemical Approach Towards Graphene Nanoribbons
9	**Diby Benjamin Ossonon** (Université du Québec à Montréal, Canada) Functionalization of Graphene Sheets During the Electrochemical Exfoliation of Graphite in Aqueous Media
10	**Felix Rösicke** (Helmholtz-Zentrum Berlin, Germany) Characterization of pre-transfer functionalized graphene
11	**Carl-Bernard Charpin** (Université de Montréal, Canada) Graphene Growth Kinetics Under Purified Conditions
12	**Ana Bertha Lopez Oyama** (CICATA - Unidad Altamira - IPN, Mexico) Electrochemical Reduction of Graphene Oxide: Synthesis and Applictaions
13	**Jaewoo Park** (Western University, Canada) Copper nanoparticle-assisted etching of graphene layers
14	**Andranik Sarkissian** (PLASMIONIQUE Inc, Canada) Various Synthesis Technologies and Applications of Nanostructured Allotropes of Carbon
15	**Jose-Luis Valverde** (University of Castilla La Mancha, Spain) Improving the growth of monolayer CVD-graphene over polycrystalline iron sheets

TOPICS

1-6: Applications
7: Bio & health
8-10: Chemistry of graphene / 2D materials
11-17: Growth, synthesis techniques and integration methods
18-21: Other 2D materials
22: Quantum transport
23-27: Spectroscopies and microscopies
28-30: Theory & simulation

16 **Zhongyang Wang** (Shanghai Advanced Research Institute, China)
Green, simple and large scale synthesis of N-doped graphene quantum dots with uniform edge groups by electrochemical bottom-up synthesis

17 **Jin Zhang** (University of Western Ontario, Canada)
Graphene/YBCO Hybrid Nanosheets Prepared by Matrix Assisted Pulsed Laser Evaporation

18 **Jean-Francis Germain** (École Polytechnique de Montréal, Canada)
The semiconductor-semimetal transition induced by potassium doping in atomically-thin black phosphorus studied through Raman spectroscopy

19 **Martin Hulman** (Institute of Electrical Engineering, SAS, Slovakia)
Growth of extremely thin MoS_2 films by pulsed laser deposition

20 **Michaela Sojkova** (Institute of Electrical Engineering, SAS, Slovakia)
MoS_2 and $MoSe_2$ thin films fabrication

21 **Hyong Seo Yoon** (Yonsei University, Korea)
Contact performance enhancement based on isotype junction effects of thickness dependent MoS_2 layers

22 **Alejandro Leon** (Universidad Diego Portales, Chile)
Electrical and optical properties of beta-graphyne nanoribbons

23 **Randy Belanger** (University of Toronto, Canada)
Thickness mapping of exfoliated graphene samples using Scanning Transmission X-ray Microscopy (STXM)

24 **Dominic Boisvert** (Polytechnique Montréal, Canada)
Deposition and structural characterization of atomically-thin melanin biopigments

25 **Frederic Joucken** (Lawrence Berkeley Lab, USA)
NanoARPES investigation of pristine graphene: evidencing the need for high spatial resolution in ARPES experiments

26 **Faranak Sharifi** (The University of Western Ontario, Canada)
Photo-Induced Open Circuit Voltage in Graphene-Based Organic Photovoltaics and Its Origin

27 **Filipa Simoes** (KAUST, Saudi Arabia)
Elemental quantification of wet digested Nanocarbons and characterization of their residues

28 **Tatsuhiro Komatsu** (Tohoku University, Japan)
A Numerical Model for Finite-Temperature Electron Self-Energy in Doped Graphene with Electron-Electron Interaction

29 **Thomas Lane** (The University of Manchester, UK)
Twist-controlled resonant tunnelling between monolayer and bilayer graphene

30 **Olivier Malenfant-Thuot** (Université de Montréal, Canada)
Ab Initio Calculations of Nitrogen Functionalization of Graphene