

PCAMM Poster Legend

Poster #	Poster Title	Authors	University
1	Off--Axis Electron Holography of Ferromagne Nanowires	A. Akhtari-Zavareh, K. L. Kavanagh, L.P. Carignan, A. Yelon, D. Ménard , T. Kasama, R. Herring, R. E. Dunin-Borkowski, M. R. McCartney	SFU
2	Space Charge Limited Current Transport in ZnO Nanowires	S. Alagha, E. Senthil Kumar, F. Mohammadbeigi, S. P. Watkins, K. L. Kavanagh	SFU
3	Silicon nanoparticle synthesis via colloidal grinding for thin film applications	Z. Abu, X. Gong, D. Tamura, C. Papadopoulos	UVic
4	Recrystallization in Electrodeposited Dual-Layer Cu Thin Films	N. Alshwawreh, D. Bizzotto, M. Militzer	UBC
5	Fabrication of Integrated Piezo-based Sensors For Structure health monitoring applications	D. Badawy, L. Wang, S. Soltanian, H. Yang, K. Walus, F. Ko	UBC
6	Photoconductivity and defects in GaAsBi/GaAs	V. Bahrami-Yekta, M. Aslan, M. Masnadi-Shirazi, R.B. Lewis and T. Tiedje	UVic
7	Bandedge Optical Properties of MBE grown GaAsBi films measured by Photoluminescence and Photothermal Deflection Spectroscopy	M. Beaudoin, J.J. Andrews, V. Bahrami-Yekta, R.B. Lewis, M. Masnadi-Shirazi, S.K. O'Leary and T. Tiedje	UBC
8	Fluorescence and AFM Imaging of Solid Supported Bilayers of Octadecanol and Liposomal DOPC	D. Bizzotto, A. Musgrove	UBC
9	Self-assembly of one-dimensional metal-organic nanostructures on a surface: structural and electronic properties	M. Capsoni, A. Schiffrin, A. Shaw, S. Burke	UBC
10	Model Photovoltaic Materials: Single Molecule Perspectives from Scanning Probe Microscopy	K. Cochrane, A. Schiffrin, T. Roussy, S. Burke	UBC
11	Surface passivation of tellurium-doped GaAs nanowires by GaP shell	A. Darbandi, O. Salehzadeh, S. P. Watkins	SFU
12	Study on the Enhancement SiGe Interdiffusion Under Biaxial Compressive Strain In Ge Rich SiGe Heterostructures	Y. Dong, W. Chern, P. M. Mooney, J. L. Hoyt, G. Xia	UBC
13	Simulation of ultrasound propagation in anisotropic polycrystalline media	T. Garcin, Q. Puydt, W. J. Poole, M. Militzer	UBC
14	Quantifying many-body effects by high-resolution Fourier transform scanning tunneling spectroscopy	S. Grothe, S. Johnston, Shun Chi, Pinder Dosanjh, S. A. Burke, and Y. Pennec	UBC
15	Superconducting Nanowire Single Photon Detectors Integrated with Silicon Photonics	M. K. Akhlaghi, E. Schelew, J. F. Young	UBC
16	Hybrid Piezoelectric Paper composed of Wood Cellulose fiber and Nanostructured Piezoelectric Material: Preparation and Material Characteristics	S. K. Mahadeva, K. Walus, B. Stoeber	UBC
17	Tracking the Movement of Carbon Nanotubes during Dielectrophoretic Deposition	A. Kashefian Naieni, A. Nojeh	UBC

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18	Large Scale Crystallinity in Polythiophene-Based Langmuir-Blodgett Films: Imaging Conducting Polymers at the Molecular Level	G. W. Leach, J. Mattu, Y. Han	SFU
19	Lignin Carbon Nanofiber for EMI Shielding	Y. Li, F. Ko	UBC
20	Effect of Thermal Nitridation on Phosphorus Diffusion in SiGe and SiGe:C and its Implication on Diffusion Mechanism	Y. Lin, H. Yasuda, H. Ho, M. Schiekofer, B. Benna, G. Xia	UBC
21	Water Transport Study of Chemically Degraded Nafion® 211 membrane	X. Luo, S. Holdcroft	SFU
22	A Monte Carlo Study of Magnetically Frustrated Chromium	A. J. Macdonald, S. Burke, D. Bonn, Y. Pennec	UBC
23	Pt-Nafion composites through templated electroless deposition	I. Martens, J. Leeuwner, N. Ingle, A. Sode, D. Bizzotto, E. Gyenge, D. Wilkinson	UBC
24	Towards strongly-coupled emitter-metal hybrid nanosystems: Selective attachment of fluorescent dye molecules to Au crystals using DNA linkers	T. Masuda, J. Casanova-Moreno, J. Massey-Allard, D. Bizzotto, J. F. Young	UBC
25	Effect of Group-III and Group-V Impurities on the Morphology and High Resolution Photoluminescence of ZnO Nanowires Grown by Metal Organic Vapor Phase Epitaxy	F. Mohammadbeigi, E. Senthil Kumar, S. Alagha, I. P. Anderson, T. Wintschel, K. Kavanagh and S. P. Watkins	SFU
26	Composition analysis with time-domain terahertz spectroscopy	P. Mousavi, F. Haran, S. Dodge	SFU
27	Strain Measurements in Si/SiGe Crystals Using split-HOLZ line Interferometry	M. Norouzpour, K. Saitoh, N. Tanaka, T. Tanji, R. A. Herring	UVic
28	Tuning the Photothermal Response of Gold Nanorods through Varied Solution Compositions	I. C. Pekcevik, M. C. P. Wang, B. D. Gates	SFU
29	Development of a Paper-Based Multiplexed Protease Assay Utilizing Immobilized Quantum Dots as FRET Donors	E. Petryayeva, H. Kim, W. R. Algar	UBC
30	US waves propagation in an elastic medium: 2D Finite Element Modelling	Q. Puydt, T. Garcin, W. Poole	UBC
31	Magnetoplasmonics: Current Status and Future Prospects	C. Rizal, A. G. Brolo	UVic
32	Electrical characterization of GaAs/GaAs in-place bonded interfaces	O. Salehzadeh, B. Cawston-Grant, S. Watkins, P. M. Mooney	SFU
33	Novel Ferroelectric Single Crystals of Bi(Zn _{1/2} Ti _{1/2})O ₃ -PbZrO ₃ -PbTiO ₃ Ternary Solid Solution	B. Wang, Y. Xie, J. Zhuang, X. Wu, W. Ren, Z. Ye	SFU
34	Ferroelectric, Ferromagnetic and Piezoresponse studies in the (1-x)[0.9BiFeO ₃ -0.1DyFeO ₃]-xPbTiO ₃ Pseudo-binary Solid Solution	J. Zhuang, Z. Ye, W. Ren	SFU