

PUBLICATIONS ET PRÉSENTATIONS TECHNIQUES

ICÔNE	TYPE DE PUBLICATION	ANNÉE DE PUBLICATION	TITRE ET AUTEURS	ARTICLE EN LIGNE
	Publication	2025	<i>JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY</i> (2000) 32, 2051-2063. CHARACTERIZATION OF THE SARCOPLASMIC RETICULUM K+ AND CA2+ RELEASE CHANNEL - RYANODINE RECEPTOR - IN HUMAN ATRIAL CELLS K. Côté, S. Proteau, J. Teixeira et E. Rousseau	https://www.sciencedirect.com/science/article/abs/pii/S0022282800912367
	Publication	2025	<i>MÉMOIRE DE MAÎTRISE - UNIVERSITÉ DE SHERBROOKE</i> CARACTÉRISATION ÉLECTROPHYSIOLOGIQUE ET BIOCHIMIQUE DES DIFFÉRENTS CANAUX IONIQUES DU RÉTICULUM SARCOPLASMIQUE DES CELLULES K.Côté	https://savoirs.usherbrooke.ca/handle/11143/3209
	Publication	2024	<i>10TH CANADIAN SEMICONDUCTOR CONFERENCE, OTTAWA</i> ANOMALIES IN MODELING OF ANISOTROPIC ETCHING OF SILICON Z. Elalamy, L. M. Landsberger, M. Kahrizi, A. Pandey, I. Stateikina et S. Michel	
	Publication	2024	<i>3RD WORKSHOP ON PHYSICAL CHEMISTRY OF WET CHEMICAL ETCHING OF SILICON, NARA, JAPAN</i> MODELLING OF ANISOTROPIC ETCHING OF SILICON : ANOMALIES DUE TO FACET BOUNDARY EFFECTS Z. Elalamy, L. M. Landsberger, M. Kahrizi, A. Pandey, I. Stateikina et S. Michel	
	Publication	2024	<i>JOURNAL OF VACUUM AND SCIENCE TECHNOLOGY A.</i> ANOMALIES IN MODELLING OF ANISOTROPIC ETCHING OF SILICON Z. Elalamy, L. M. Landsberger, A. Pandey, M. Kahrizi, I. Stateikina et S. Michel	
	Publication	2024	<i>144TH MEETING OF THE ACOUSTICAL SOCIETY OF AMERICA, CANCUN, MEXIQUE</i> AN ACTIVE STRUCTURAL ACOUSTIC CONTROL APPROACH FOR THE REDUCTION OF STRUCTURE-BORNE ROAD NOISE H. Douville et al.	
	Publication	2024	<i>JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY</i> (2002)34, 1163-1172. SARCOPLASMIC RETICULUM K+ CHANNELS FROM HUMAN AND SHEEP TRIAL CELLS DISPLAY A SPECIFIC ELECTRO-PHARMACOLOGICAL PROFILE I. Picard, K. Côté, J. Teixeira, D. Greentree and E. Rousseau	https://pubmed.ncbi.nlm.nih.gov/12392890/#:~:text=Sar%20plasmic%20reticulum%20K%28%28%29%20channel%20from%20human%20and%20sheep,Ci%28%29%20and%20For%20K%28%28%29%20movements%20across%20this%20intracellular%20membrane.
	Publication	2024	<i>CCECE, Montreal</i> STEP-BASED FACET INTERACTIONS IN WET ANISOTROPIC ETCHING I. Stateikina, Z. Elalamy, L. M. Landsberger, M. Kahrizi	
	Publication	2024	<i>11TH CANADIAN SEMICONDUCTOR CONFERENCE, OTTAWA</i> MODELLING AND ANALYSIS OF STEP-BASED SILICON SURFACES AT FACET BOUDARIES DURING WET ANISOTROPIC ETCHING I. Stateikina, L. M. Landsberger et M. Kahrizi	
	Publication	2023	<i>SENSORS AND MATERIALS MAGAZINE</i> MODELLING OF ANISOTROPIC ETCHING OF SILICON: ANOMALIES DUE TO FACET BOUNDARY EFFECTS Z. Elalamy, L. M. Landsberger, M. Kahrizi, A. Pandey, I. Stateikina et S. Michel	
	Présentation technique Orale	2023	<i>4TH ON PHYSICAL CHEMISTRY OF WET CHEMICAL ETCHING OF SILICON, MONTRÉAL</i> SILICON WET ETCH ANISOTROPY: ANALYSIS OF THE EFFECT OF {111}, {110} {100} TERRACE WIDTHS I. Stateikina, N. Hoque, L. M. Landsberger, V. Rossokhaty, Z. Elalamy et M. Kahrizi	
	Présentation technique Orale	2022	<i>JOURNAL OF VACUUM AND SCIENCE TECHNOLOGY A.</i> ANALYSIS OF STEP-BASED SILICON SURFACES AT FACET BOUNDARIES DURING WET ANISOTROPIC ETCHING I. Stateikina, M.-Z. Elalamy, L. M. Landsberger et M. Kahrizi,	
	Brevet	2022	<i>SENSORS AND MATERIALS MAGAZINE</i> SILICON WET ETCH ANISOTROPY: ANALYSIS OF THE EFFECT OF {111}, {110} {100} TERRACE WIDTHS I. Stateikina, N. Hoque, L. M. Landsberger, V. Rossokhaty, Z. Elalamy et M. Kahrizi	
	Présentation technique Orale	2022	<i>IEEE CONFERENCE ON CONTROL APPLICATIONS, TORONTO</i> REDUCTION OF STRUCTURE-BORNE NOISE IN AUTOMOBILES BY MULTIVARIABLE FEEDBACK M.P. Jolicoeur, J.G. Roumy, S. Vanreusel, D. Dionne, H. Douville, B. Boulet et al.	
	Présentation technique Orale	2022	<i>4TH ON PHYSICAL CHEMISTRY OF WET CHEMICAL ETCHING OF SILICON, MONTRÉAL</i> SILICON WET ETCH ANISOTROPY: ANALYSIS OF THE EFFECT OF {111}, {110} {100} TERRACE WIDTHS I. Stateikina, N. Hoque, L. M. Landsberger, V. Rossokhaty, Z. Elalamy, M. Kahrizi	
	Présentation technique Orale	2022	<i>APPLIED ACOUSTICS JOURNAL, 2006; 67 (2):25 PP. (SCORE : RÉFÉRENCÉS DANS 38 PUBLICATIONS)</i> ON-RESONANCE TRANSMISSIBILITY METHODOLOGY FOR QUANTIFYING THE STRUCTURE-BORNE ROAD NOISE OF AN AUTOMOTIVE SUSPENSION ASSEMBLY INTERNATIONALES) H. Douville et al.	

	Présentation technique Orale	2022	CONFIDENTIAL A PROVISIONAL PATENT APPLICATION, USA, MARCH 24, 2006 ACOUSTOMETRICS SYSTEM AND METHODS FOR REAL TIME MONITORING STRUCTURAL INTEGRITY OF METALLIC AND NON-METALLIC MATERIALS. Douvillie, H.	
	Présentation technique Orale	2022	13TH CANADIAN SEMICONDUCTOR CONFERENCE, MONTRÉAL EFFECT OF LIGHT ILLUMINATION ON ETCH RATES OF SILICON SURFACES IN ANISOTROPICALLY ETCHED CONCAVE STRUCTURES I. Stateikina, L. M. Landsberger, M. Kahrizi	
	Publication	2021	NANOTECH 2009, HOUSTON, TX PULSED LASER DEPOSITION OF CAXBA1-XNB2O6 THIN FILM ON NANO-PATTERNED SILICON SUBSTRATE I. Stateikina, S. Delprat et M. Chaker	
	Publication	2021	COLLOQUE DE PLASMA-QUÉBEC, MONTRÉAL, QC PULSED LASER DEPOSITION OF THICK LAYERS OF CAXBA1-XNB2O6 FILM I. Stateikina, M. Chaker	
	Mémoire de Maîtrise	2021	92ND CANADIAN CHEMISTRY CONFERENCE, HAMILTON, ON NANO-PATTERN ON SILICON SUBSTRATE FOR PULSED LASER DEPOSITION OF CAXBA1-XNB2O6 THIN FILM I. Stateikina, S. Delprat et M. Chaker	
	Publication	2021	WO2009127067A1, 22 OCTOBRE 2009 METHOD AND SYSTEM FOR VIRTUALLY DELIVERING SOFTWARE APPLICATIONS TO REMOTE CLIENTS Chandelier F., Douville H.	https://patents.google.com/patent/WO2009127067A1/en
	Publication	2021	JOURNAL OF OPTICAL ENGINEERING CALCIUM, BARIUM NOBITE RIDGE WAVEGUIDE ON SILICON SUBSTRATE E. Mortazy, I. Stateikina, A. Tehranichi, S. Delprat, M. Chaker, and Ke Wu	
	Présentation technique Orale	2021	SEMICONDUCTOR SCIENCE AND TECHNOLOGY MAGAZINE FABRICATION OF A SILICON-BASED CAXBA1-XNB2O6 RIDGE WAVEGUIDE FOR ELECTRO-OPTICAL PHASE MODULATION I. Stateikina, E. Mortazy, S. Delprat, Ke Wu, and M. Chaker	
	Présentation technique Orale	2020	36TH INTERNATIONAL CONFERENCE ON MICRO&NANO ENGINEERING (MNE 2010), ITALIE NANOSCALE SiO2 SHALLOW STRUCTURES ICP ETCHING, M. GUILMAIN, A. JOUAD, S. ECOFFEY ET D. DROUIN M. Guilmain, S. Ecoffey, D. Drouin	https://www.sciencedirect.com/science/article/abs/pii/S0167931711001407
	Présentation technique Poster	2020	JOURNAL OF OPTICAL ENGINEERING, VOL. 49, 074601, RIDGE WAVEGUIDE ON SILICON SUBSTRATE CALCIUM, BARIUM NOBITE RIDGE WAVEGUIDE ON SILICON SUBSTRATE E. Mortazy, I. Stateikina, A. Tehranichi, S. Delprat, M. Chaker, and Ke Wu	
	Présentation technique Orale	2020	BREVET US 20100020503 A1 (7733655 B2) LID EDGE CAPPING LOAD M. Beaumier	https://patents.google.com/patent/US20100020503A1/en
	Présentation technique Orale	2020	MICROELECTRONICS ENGINEERING, VOL. 88, 8, 2505-2508 SiO2 SHALLOW STRUCTURES ICP ETCHING USING ZEP ELECTRORESIST M. Guilmain, A. Jouad, S. Ecoffey et D. Drouin	https://www.sciencedirect.com/science/article/abs/pii/S0167931711001407
	Publication	2020	SCIENCE AND TECHNOLOGY, VALENCIA, SPAIN, MARCH 14-19, 2010 NEW WAY TO REDUCE HEAT TRANSPORT IN POROUS SILICON, PSST 2010 - POROUS SEMICONDUCTORS P. Newby, B. Canut, S. Gomes, K. Termentzidis, O. Marty, P. Chantrenne, J.-M. Bluet, V. Aimez, L.G. Frechette, V. Lysenko	https://www.researchgate.net/publication/281076490_New_Way_to_reduce_thermal_conductivity_of_porous_silicon
	Brevet	2020	SCIENCE AND TECHNOLOGY, VALENCIA, SPAIN, MARCH 14-19, 2010 STRUCTURAL PROPERTIES OF POROUS 4H/6H SiC, PSST 2010 - POROUS SEMICONDUCTORS P. Newby, J.-M. Bluet, V. Aimez, L.G. Frechette, V. Lysenko	https://www.researchgate.net/publication/241581806_Structural_properties_of_porous_6H_silicon_carbide
	Publication	2020	SCIENCE AND TECHNOLOGY, VALENCIA, SPAIN, MARCH 14-19, 2010 AMORPHIZATION OF POROUS SILICON BY SWIFT HEAVY ION IRRADIATION, PSST 2010 - POROUS SEMICONDUCTORS B. Canut, P. Newby, V. Lysenko, J.-M. Bluet, O. Marty, V. Aimez, L.G. Frechette, I. Monnet	https://www.researchgate.net/publication/267975630_Amorphization_and_reduction_of_thermal_conductivity_in_porous_silicon_by_irradiation_with_swift_heavy_ions
	Publication	2020	IBMM - Int. Conference on ion beam modification of materials, Montréal, August 22-27, 2010 EFFECT OF SWIFT HEAVY ION IRRADIATION ON THERMAL CONDUCTIVITY OF POROUS SILICON P. Newby, B. Canut, S. Gomes, K. Termentzidis, O. Marty, P. Chantrenne, J.-M. Bluet, V. Aimez, L.G. Fréchette, V. Lysenko	https://www.researchgate.net/publication/281353462_Effect_of_swift_heavy_ion_irradiation_on_thermal_conductivity_of_porous_silicon
	Présentation technique Orale	2019	2010 Materials research society spring meeting, San Francisco, USA, April 5-9, 2010 STRUCTURAL AND SPECTROSCOPIC CHARACTERIZATION OF POROUS SiC NANOSTRUCTURES P. Newby, J.-M. Bluet, V. Lysenko, L.G. Frechette, V. Aimez	https://www.researchgate.net/publication/241581806_Structural_properties_of_porous_6H_silicon_carbide

	Publication	2019	<i>IBMM - Int. Conference on ion beam modification of materials, Montréal, August 22-27, 2010</i> DEFECT CREATION IN MESOPOROUS SILICON IRRADIATED WITH SWIFT HEAVY IONS B. Canut, P. Newby , V. Lysenko, J.-M. Bluet, O. Marty, V. Aimez, L.G. Fréchette, I. Monnet	https://www.sciencedirect.com/science/article/abs/pii/S0168583X1400144X
	Publication	2019	<i>2ND INTERNATIONAL CONFERENCE ON BIO-SENSING TECHNOLOGY, AMSTERDAM</i> ROBUST NANO-ELECTRODE ARRAY PLATFORM FOR MULTIPLE CANCER BIOMARKER DETECTION I. Stateikina , C. Tili, R. Elshafey, M. Zourob	
	Présentation technique Orale	2019	<i>MICROELECTRONIC ENGINEERING MAGAZINE</i> LOW LOSS CAXBA1-XNB2O6 RIDGE WAVEGUIDE FOR ELECTRO-OPTIC DEVICES E. Mortazy, I. Stateikina , A. Tehranichi, S. Delprat, M. Chaker, and Ke Wu	
	Publication	2019	<i>Advances in Heterogeneous Material Mechanics: Proceedings</i> STUDIES ON SELF-ASSEMBLED ZNO NANORODS/NANOWIRES GROWN ON SILICON SUBSTRATES BY ELECTROCHEMICAL DEPOSITION I. Stateikina	
	Présentation technique Orale	2018	<i>Nanotech 2011 Conference, Boston</i> ROBUST NANOWIRE ELECTRODES ARRAY PLATFORM FOR BIOSENSING APPLICATIONS I. Stateikina , R. Elshafey, A. Ng, M. Uddin Ahmed, and M. Zourob	
	Publication	2018	<i>LAP Lambert Academic Publishing (2011-09-12), ISBN-13: 978-3-8443-9722-2, ISBN-10: 3844397221, EAN, 9783844397222, 240 pp.</i> AN APPROACH USING ACTIVE STRUCTURAL ACOUSTIC CONTROL FOR THE REDUCTION OF STRUCTURE-BORNE ROAD NOISE H. Douville	
	Présentation technique Orale	2017	<i>Microelectronic Engineering, Vol. 88, 3, pp. 218-221</i> LOW LOSS CAXBA1-XNB2O6 RIDGE WAVEGUIDE FOR ELECTRO-OPTIC DEVICE E. Mortazy, I. Stateikina , A. Tehranichi, S. Delprat, M. Chaker, and Ke Wu	
	Publication	2017	<i>SCANNING, VOL. 33,3, 135-146</i> THREE DIMENSIONAL ELECTRON MICROSCOPY SIMULATION WITH THE CASINO MONTE CARLO SOFTWARE H. Demers, N. Poirier-Demers, A.R. Couture, D. Joly, M. Guilmann, N. De Jonge, D. Drouin	https://pubmed.ncbi.nlm.nih.gov/21769885/
	Publication	2016	<i>Advances in Heterogeneous Material Mechanics: Proceedings</i> STUDIES ON SELF-ASSEMBLED ZNO NANORODS/NANOWIRES GROWN ON SILICON SUBSTRATES BY ELECTROCHEMICAL DEPOSITION S. Spitsina, I. Stateikina , M. Chaker, and M. Kahrizi,	
	Publication	2016	<i>Journal of Vacuum Science & Techn. B : Microelectronics and nanometer structures, Vol. 29,6</i> TECHNOLOGY PLATFORM FOR THE FABRICATION OF TITANIUM NANOSTRUCTURES 6FG06-06FG06-4 S. Ecoffey, M. Guilmann , J.F. Morissette, F. Bourque, J. Pont, B. Lee Sang et D. Drouin	https://pubs.aip.org/avs/jvb/article-abstract/29/6/06FG06/104645?Technology-platform-for-the-fabrication-of?redirectedFrom=fulltext
	Publication	2016	<i>Physica status solidi © 8, 1950-1953 (2011)</i> STRUCTURAL PROPERTIES OF POROUS 6H SILICON CARBIDE P. Newby , J.-M. Bluet, V. Aimez, L.G. Fréchette, and V. Lysenko	https://www.researchgate.net/publication/241581806_Structural_properties_of_porous_6H_silicon_carbide
	Publication	2016	<i>Science and technology, Malaga, Spain, March 25-30, 2012</i> FABRICATION OF AMORPHOUS POROUS SILICON BY ION-IRRADIATION, PSST 2012 - POROUS SEMICONDUCTORS P.J. Newby , J.-M. Bluet, V. Aimez, L.G. Fréchette, V. Lysenko	https://www.researchgate.net/publication/257975630_Amorphization_and_reduction_of_thermal_conductivity_in_porous_silicon_by_irradiation_with_swift_heavy_ions
	Publication	2016	<i>Science and technology, Malaga, Spain, March 25-30, 2012</i> FABRICATION OF POROUS SILICON CARBIDE, PSST 2012 - POROUS SEMICONDUCTORS P.J. Newby , J.-M. Bluet, V. Aimez, L.G. Fréchette, V. Lysenko	https://www.researchgate.net/publication/278381278_Fabrication_of_porous_semiconductors_for_improved_thermal_insulation_in_MEMS
	Publication	2016	<i>21st Anniversary World Congress on Biosensors, Cancun, Mexico</i> IMPEDIMETRIC IMMUNOSENSORS BASED ON NANOGAP INTERDIGITATED GOLD ELECTRODE ARRAY PLATFORM, ACCEPTED I. Stateikina , C. Tili, M. Zourob	
	Publication	2015	<i>NanoQuebec</i> A LABEL-FREE MULTIPLEXED IMPEDANCE-BASED IMMUNOSENSOR FOR BRAIN TUMOR BIOMARKERS R. Elshafey, A. Ng, C. Tili, I. Stateikina , A. Abulrob, A. Tavares, M. Chaker, and M. Zourob	
	Présentation technique Orale	2015	<i>NanoQuebec</i> ARRAY OF NANO-ELECTRODES FOR CANCER MULTI-BIOMARKER DETECTION I. Stateikina , R. Elshafey, C. Tili, M. Zourob and M. Chaker	
	Présentation technique Orale	2015	<i>NanoQuébec</i> A LABEL-FREE MULTIPLEXED IMPEDANCE-BASED IMMUNOSENSOR FOR BRAIN TUMOR BIOMARKERS R. Elshafey, A. Ng, C. Tili, I. Stateikina , A. Abulrob, A. Tavares, M. Chaker, and M. Zourob	

	Brevet	2014	21st Anniversary World Congress on Biosensors, Cancun, Mexico IMPEDIMETRIC IMMUNOSENSORS BASED ON NANOGAP INTERDIGITATED GOLD ELECTRODE ARRAY PLATFORM I. Stateikina, C. Tili, M. Zourob	
	Publication	2014	Brevet US 20120080784 A1 (8587114 B2) MULTI-CHIP ELECTRONIC PACKAGES AND METHODS OF MANUFACTURE M. Beaumier	https://patents.google.com/patent/US20120080784A1/en
	Publication	2014	IEEE Transactions on electron devices, Vol. 59, 1, 212-220 STATIC AND DYNAMIC MODELING OF SINGLE-ELECTRON MEMORY FOR CIRCUIT SIMULATION W. Xuan, A. Beaumont, M. Guilmain, M.A. Bounouar, N. Baboux, J. Etzkorn, D. Droul, F. Calmon	https://ieeexplore.ieee.org/document/6086756
	Présentation technique Orale	2014	IEEE Journal of MEMS, Vol.22(6), pp. 1339-1346 DESIGN AND FABRICATION OF INTEGRATED MULTI-ANALYTE SENSING PLATFORM WITH MAGNETIC MICRO-COILS I. Stateikina, S. Eissa, and M. Zourob	
	Présentation technique Orale	2014	EMRS Spring meeting, Strasbourg, France, 27-31 may 2013 DAMAGE CREATION IN POROUS SILICON IRRADIATED BY SWIFT HEAVY IONS B. Canut, J.M. Bluet, M. Massoud, P. Newby, V. Lysenko, I. Monnet	https://www.sciencedirect.com/science/article/abs/pii/S0168583X1400144X
	Publication	2013	EMRS Spring meeting, Strasbourg, France, 27-31 may 2013 POROUS SILICON IRRADIATED IN THE ELECTRONIC REGIME: MODELLING THE DAMAGE CROSS-SECTION B. Canut, J.M. Bluet, M. Massoud, P. Newby, V. Lysenko, I. Monnet	https://hal.science/hal-01489816
	Présentation technique Orale	2013	Microelectronics Journal, 44, 1029-1034 CHARACTERIZATION OF THE THERMAL CONDUCTIVITY IN POROUS SILICON BY IRRADIATION WITH SWIFT HEAVY IONS S. Gomès, P. Newby, B. Canut, K. Termentzidis, O. Marty, P. Chantrenne, V. Aimez, J.-M. Bluet, V. Lysenko	https://www.sciencedirect.com/science/article/abs/pii/S0026269212001619
	Présentation technique Orale	2013	Journal of applied physics 114, 014903 AMORPHIZATION AND REDUCTION OF THERMAL CONDUCTIVITY IN POROUS SILICON BY IRRADIATION WITH SWIFT HEAVY IONS P.J. Newby, B. Canut, J.-M. Bluet, S. Gomes, M. Isaiev, R. Burbelo, K. Termentzidis, P. Chantrenne, L.G. Fréchette, and V. Lysenko	https://pubs.aip.org/aip/jap/article-abstract/114/1/014903/167605/Amorphization-and-reduction-of-thermal?redirectedFrom=fulltext
	Publication	2013	Conference Proceedings of IWLP VACUUM-ASSISTED WET PROCESSING FOR ADVANCED 3D DEVICES J. Rieker, G. Chen, I. Kashkoush, D. Michel, P. Daoust, and I. Stateikina	
	Publication	2013	IEEE Journal of MEMS, Vol.22(6), pp. 1339-1346 DESIGN AND FABRICATION OF INTEGRATED MULTI-ANALYTE SENSING PLATFORM WITH MAGNETIC MICRO-COILS I. Stateikina, S. Eissa, and M. Zourob	
	Présentation technique Orale	2013	Conference Proceedings of IWLP VACUUM-ASSISTED WET PROCESSING FOR ADVANCED 3D DEVICES J. Rieker, G. Chen, I. Kashkoush, D. Michel, P. Daoust, and I. Stateikina	
	Présentation technique Orale	2013	IEEE Journal of MEMS, Vol.22(6), pp. 1339-1346 DESIGN AND FABRICATION OF INTEGRATED MULTI-ANALYTE SENSING PLATFORM WITH MAGNETIC MICRO-COILS I. Stateikina, S. Eissa, and M. Zourob	
	Présentation technique Orale	2013	Brevet US 20110292621 A1 (8614900 B2) GROUNDLED LID FOR MICRO-ELECTRONIC ASSEMBLIES M. Beaumier	https://patents.google.com/patent/US20110292621A1/en
	Publication	2013	Nanotechnology, vol. 24, 24, 245305 A DAMASCENE PLATFORM FOR CONTROLLED ULTRA-THIN NANOWIRE FABRICATION M. Guilmain, T. Labbaye, F. Dellenbach, C. Naueheim, D. Drouin, S. Ecoffey	https://pubmed.ncbi.nlm.nih.gov/23696290/
	Brevet	2013	Brevet US 2014359996 A1 (9219051 B2) LAMINATE PERIPHERAL CLAMPING TO CONTROL MICROELECTRONIC MODULE BSM WARPAGE M. Beaumier	
	Publication	2013	Materials Letters 128, 71-74 THERMAL CONDUCTIVITY OF PARTIALLY AMORPHOUS POROUS SILICON BY PHOTOACOUSTIC TECHNIQUE M. Isaiev, P.J. Newby, B. Canut, A. Tytarenko, P. Lishchuk, D. Andrusenko, S. Gomès, J.-M. Bluet, L.G. Fréchette, V. Lysenko, R. Burbelo	https://www.sciencedirect.com/science/article/abs/pii/S0167577X1400682X
	Présentation technique Orale	2012	Nuclear Instruments and Methods in Physics Research B 341, 27-31 SWIFT HEAVY ION IRRADIATION REDUCES POROUS SILICON THERMAL CONDUCTIVITY M. Massoud, B. Canut, P. Newby, L. Fréchette, P.O. Chapuis, J.M. Bluet	https://www.sciencedirect.com/science/article/abs/pii/S0168583X14006533

	Présentation technique Orale	2012	<i>Hilton Head Solid-State Sensors, Actuators and Microsystems Workshop, USA, 8-12 June 2014</i> POROUS SILICON CARBIDE: A NEW THERMAL INSULATION MATERIAL FOR HARSH ENVIRONMENT MEMS P.J. Newby, M. Aslaji, V. Aimez, and L.G. Fréchette	https://transducer-research-foundation.org/technical_digests/HiltonHead_2014/hb2_014_0347.pdf
	Présentation technique Orale	2012	<i>Asme Pressure Vessels and Piping Conference (PVP2014), Anaheim, Ca.</i> VOID FRACTION EFFECT ON ADDED MASS IN BUBBLY C. Béguin, É. Pelletier, S. Étienne	https://mechanismsrobotics.asmedigitalcollection.asme.org/PVP/proceedings-abstract/PVP2014/46018/V004T04A052/279586
	Présentation technique Poster	2012	<i>Physics of fluids, 27, 12, 16 PGS.</i> EXPERIMENTS OF AIR BUBBLES IMPACTING A RIGID WALL IN TAP WATER É. Pelletier, C. Béguin, S. Étienne	https://pubs.aip.org/aip/pof/article-abstract/27/12/123302/258303/Experiments-of-air-bubbles-impacting-a-rigid-wall?redirectedFrom=fulltext
	Présentation technique Poster	2012	<i>Material research society fall meeting Conference, Boston</i> EUMELANIN THIN FILMS AND METAL ELECTRODES: NANOSTRUCTURES FORMATION UNDER ELECTRICAL BIAS FOR MEMORY APPLICATIONS E. Di Mauro, L.G. Simao Albano, O. Carpentier, S.I. Yanez Sanchez, N.I. Ignoumba, M. Jean-Lalancette, C. Santato	https://www.mrs.org/Fall2015/program-session?code=D
	Présentation technique Poster	2012	<i>Canadian Semiconductor Science and Technology Conference, Sherbrooke, 16-21 August</i> DESIGN, FABRICATION, AND TESTING OF MICRO-PIRANI GAUGES C. Spits, P.J. Newby, B.-P. Morin, R. Larger, K. Kornelsen, P.G. Charette, and L.G. Fréchette	http://cscte2015.ca/wp-content/uploads/2014/03/SPITS_Cedric_c211.pdf
	Présentation technique Orale	2012	<i>Hilton Head Solid-State Sensors, Actuators and Microsystems Workshop, USA, 5-9 June 2014</i> A HIGHLY SENSITIVE SMALL-FOOTPRINT VOX-BASED MICRO-PIRANI GAUGE FOR IN-SITU MONITORING OF VACUUM WAFER-LEVEL PACKAGED BOLOMETERS P.J. Newby, C. Spits, O. Bernard, R. Larger, K. Kornelsen, P. G. Charette, and L. G. Fréchette	https://www.researchgate.net/publication/332068651_A_HIGHLY_SENSITIVE_SMALL-FOOTPRINT_VOX-BASED_MICRO-PIRANI_GAUGE_FOR_IN-SITU_MONITORING_OF_VACUUM_WAFER-LEVEL_PACKAGED_BOLOMETERS
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