



From Nanotechnologies to Emerging Technologies: Towards a Global Responsibility

S.NET Conference 2015, Montreal, Quebec, Canada

October 18-21, 2015

Detailed Programme

All activities of the S.NET Conference 2015 will take place at the **Centre Mont-Royal** in downtown Montreal.

Centre Mont-Royal

2200, Mansfield Street,

Montreal (Quebec), H3A 3R8

Phone: 514-844-2000

Website: centremontroyal.com



Registration will open at 1:00PM Sunday October 18th 2015.

Activities of the S.NET Conference 2015 will start at 9:00 AM Monday October 19th 2015.

Monday October 19th, 2015 - AM

Plenary Session, 9:00-12:00 AM,

Salon Mont-Royal 2, Fourth Floor

9:00: A Welcome by Fern WICKSON (SNET President)

9:10: Marie-Hélène PARIZEAU (NE3LS Network, scientific director)

Plenary Session 1: The Role of the State in Assessing, Framing and Applying Public Policies on Nanotechnologies and Emerging Technologies	
Session Chair : Marie-Hélène PARIZEAU – Université Laval, Canada	
9:15 AM Dr. Sophie PELLÉ Université Paris-1, France	Presentation of the European context
10:00 AM Dr. Richard APPELBAUM University of California Santa Barbara, United States	US-China Comparison
10:45 AM	Pause
11:00 AM Dr. Masafumi ATA Institute for NanoScience Design, Osaka University, Japan	Presentation of the Asian context

11:50 A Welcome by Renaldo BATISTA, Scientific Director of the Fonds de Recherche du Québec en Santé (FRQS)

Lunch Time 12:10-1:30

Monday October 19th, 2015 – PM

Conference Sessions (by theme)

Only the primary author affiliation is displayed in the program.

Theme: <i>The Economics, Politics and Ethics of Innovation</i> Salon Cartier 1, Third Floor, Centre Mont-Royal	
1:30-2:00 PM	<p><i>The Spatial, Temporal and Social Proliferation of Innovation Discourses</i></p> <p>Dr. Alexandra HAUSSTEIN, Dr. Ulrich UFER – Karlsruhe Institute of Technology, Germany</p>
2:00-2:30 PM	<p><i>Do Patents from Funded Researchers Have Higher Patent Value? An Evidence of Nanotechnology Patents in Canada</i></p> <p>Dr. Leila TAHMOORESNEJAD, Dr. Catherine BEAUDRY – École Polytechnique, Canada</p>
2:30-3:00 PM	<p><i>Understanding Open Innovation Practices of Canadian Nanotechnology-Related Firms</i></p> <p>Mikael HÉROUX-VALLANCOURT, Dr. Catherine BEAUDRY – École Polytechnique, Canada</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Using Web-Mining Techniques to Study Nanotechnologies Commercialization in Canada</i></p> <p>Constant RIETSCH, Dr. Catherine BEAUDRY – École Polytechnique, Canada</p>
4:00-4:30 PM	<p><i>Can a Sustainable Progress Exist? What Nanotechnologies Tell us About the Ambivalence of the Concept of Progress</i></p> <p>Lucille SCHMID – Fondation de l'Écologie Politique, France</p>

Theme: *Biomedical Ethics; Research, Health and Safety Issues*
Salon International 1, Third Floor, Centre Mont-Royal

1:30-3:00 PM	<p>*Round Table*</p> <p><i>Prenatal Diagnostic and Technological Innovation in Genetics</i></p> <p>Pr. Marie-Hélène PARIZEAU, Dr. Anne-Marie LABERGE, Isabelle TREMBLAY, Héloïse VARIN, Dr. Pavel HAMET – coordination Université Laval, Canada</p>
	Pause
3:30-4:00 PM	<p><i>Citizens' Anticipatory Practices: Genetic Testing and Nanotechnology Compared</i></p> <p>Dr. Ulrike FELT – University of Vienna, Austria</p>
4:00-4:30 PM	<p><i>Regulation of Nanomaterials and Nanoproducts: Safe-by-design Approaches as an Institutional Solution to a Wicked Problem?</i></p> <p>Dr. Torstein FLEISCHER – Karlsruhe Institute of Technology, Germany</p>

Theme: *Scientific and Social Assessment of Emerging Technologies for a Sustainable Society*
Salon Mont-Royal 2, Fourth Floor, Centre Mont-Royal

1:30-2:00 PM	<p><i>A Care Ethics Lens for Responsible Governance of Emerging Technologies</i></p> <p>Dr. Fern WICKSON – GenØk, Norway</p>
2:00-2:30 PM	<p><i>Canadian Nanotechnology and Gender Inequality: the Case of Pro-poor Applications</i></p> <p>Gita Ghiasi HAFEZI, Dr. Andrea SCHIFFAUEROVA; Dr. Matthew HARSH – Concordia University, Canada</p>
2:30-3:00 PM	<p><i>'Breaking in' versus 'Inviting out'</i> – An Alternative Approach for Social Scientists to Interact with Engineers and Publics</p> <p>Dr. Rider FOLEY – University of Virginia, USA</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Towards a Technology Assessment Toolbox to Support Responsible Research and Innovation at the Workfloor</i></p> <p>Dr. Verena STIMBERG, Dr. Haico te KULVE, Dr. Kornelia KONRAD – University of Twente, The Netherlands</p>
4:00-4:30 PM	<p><i>Sustainable and Ethically Acceptable Development of Mobile Health (mHealth): which Regulation for a Responsible Innovation?</i></p> <p>Vanessa CHENEL, Dr. Johane PATENAUDE, Dr. Céline VERCHÈRE, Dr. Patrick BOISSY – Université de Sherbrooke, Canada</p>

CQMF Plenary Session
Theme: *Research and Innovation in Materials Science*
Salon International 2, Third Floor, Centre Mont-Royal

Session Chair: Robert GAUVIN, Université Laval

1:30-2:00 PM	<i>Green Chemistry for green energy</i> Dr. Mario LECLERC, Université Laval, Canada
2:00-2:30 PM	<i>Modern synthetic tools towards well-defined carbon nanomaterials</i> Dr. Jean-François MORIN, Université Laval, Canada
2:30-3:00 PM	<i>Harvesting near-infrared photons: solar cells and photocatalysis bases on semiconductor and/or plasmonic nanostructures</i> Dr. Dongling MA, INRS-Matériaux, Canada
3:00-3:30 PM	Coffee break & CQMF/CREPEC Poster session
3:30-4:00 PM	<i>Synthesis and sensing applications of graphene, grapheme oxide and core-shell graphene nanoparticles materials</i> Dr. Mohamed SIAJ, UQAM, Canada
4:00-4:30 PM	<i>Photocatalytic nanomaterials for the depollution of environments contaminated by organic compounds</i> Dr. Jérôme CLAVERIE, UQAM, Canada
4:30-5:00 PM	<i>Controlling surface properties using nanostructured stimuli-responsive polymer coatings</i> Dr. Suzanne GIASSON, Université de Montréal, Canada

Tuesday October 20th, 2015 – AM

Plenary Session, 9:30-12:00 AM,

Salon Mont-Royal 2, Fourth Floor

Plenary Session 2 : Representations, Applications and Impacts of Nanotechnologies and Emerging Technologies in the Fields of Energy, Health, Food and Agriculture	
Session Chair : Fern WICKSON, GenØk, Norway	
9:00 AM Dr. Michel CÔTÉ Université de Montréal, Canada	Representations, Applications and Impacts of Nanotechnologies and Emerging Technologies in the Field of Energy
9:50 AM Dr. Marina MAESTRUTTI Université Paris-I, France	Representations, Applications and Impacts of Nanotechnologies and Emerging Technologies in the Field of Health
10:40 AM	Pause
11:00 AM Dr. Kristen LYONS Professor, University of Queensland, Australia	Representations, Applications and Impacts of Nanotechnologies and Emerging Technologies in the Field of Food and Agriculture

Lunch Time 12:00-1:30 PM

Tuesday October 20th, 2015 - PM

Conference Sessions (by theme)

Note: Only the primary author affiliation is displayed in the program.

Theme: <i>Biomedical Ethics; Research, Health and Safety Issues</i> Salon International 1, Third Floor, Centre Mont-Royal	
1:30-2:00 PM	<i>Ethical and Societal Issues Raised by Neuro-robotics within the Human Brain</i> <i>Project: a Preliminary Discussion</i> Dr. Barbara DUARTE – University of Strasbourg, France
2:00-2:30 PM	<i>Are Nanomedicine Clinical Trials Addressing Diseases of Poverty?</i> Dr. Thomas WOODSON, Jackie XIE – Stony Brook University, USA
2:30-3:00 PM	<i>Nanomedicine and the Personalization of Healthcare: Interviews with Canadian researchers</i> Dr. Mathieu NOURY – University of Ottawa, Canada
3:00-3:30 PM	Pause
3:30-4:00 PM	<i>Norm and Emerging Technologies. An Analysis of Genetic Biotechnology in Prenatal Screening following Michel Foucault's Concept of Biopower</i> Héloïse VARIN – Université Laval, Canada
4:00-4:30 PM	<i>Genetic Testing in the Investigation of Children with Developmental Disorders: A Gold Standard for Physicians or for Families?</i> Dr. Isabelle TREMBLAY, Dr. Anne-Marie LABERGE, Dr. Annie JANVIER – Université de Montréal, Canada
4:30-5:00 PM	<i>The “Voice of patients” in Biomedical Translational Research</i> Dr. Leike van der Scheer – University of Twente, The Netherlands

Theme: *Responsible Research and Innovation in a Global Context*
Salon International 2, Third Floor, Centre Mont-Royal

1:30-2:00 PM	<p><i>Between Global Responsibility and Local Specifics - Questions of Global RRI</i></p> <p>Julia HAHN – ITAS, Germany</p>
2:00-2:30 PM	<p><i>The Nexus of Innovation Management, Safe-by-Design and Responsible Research and Innovation</i></p> <p>Frederick KLAESSIG – Pennsylvania Bio Nano Systems, USA</p>
2:30-3:00 PM	<p><i>RI and the Steady State: A Case for Responsible Stagnation?</i></p> <p>Dr. Stevienna de SAILLE, Dr. Fabien MEDVECKY – University of Sheffield, UK</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Human Rights and Democratization Processes of Technological Governance: New Governance, Self-governance and Human Rights</i></p> <p>Dr. Daniele RUGGIU – University of Padua, Italy</p>
4:00-4:30 PM	<p><i>Responsible 3D Printing Innovation in Brazil</i></p> <p>Dr. Thomas WOODSON, Julia TORRES ALCANTARA – Stony Brook University, USA</p>
4:30-5:00 PM	<p><i>Conceptualizing and Investigating Values in Responsible Research and Innovation</i></p> <p>Dr. Marianne BOENINK – University of Twente, The Netherlands</p>

Theme: *Governance and Regulation; International and North-South Perspective*
Salon Mont-Royal 1, Fourth Floor, Centre Mont-Royal

1:30-2:00 PM	<p style="text-align: center;"><i>The Challenge of Distributing Regulatory Responsibilities for Unknown Risks: Nano-Cosmetics and the EU Cosmetics Regulation as a Case Study</i></p> <p style="text-align: center;">Dr. Clare SHELLEY-EGAN, Dr. Diana BOWMAN – Oslo and Akershus University College of Applied Sciences</p>
2:00-2:30 PM	<p style="text-align: center;"><i>Mandatory Declarations, Open Public Data, Interdisciplinary and Intersectoral Research Funds of Nanotechnologies: Basis for a Rigorous Scientific, Socioeconomic, Health and Environmental Assessment</i></p> <p style="text-align: center;">Dr. Louise VANDELAC, Simon BEAUDOIN – UQAM, Canada</p>
2:30-3:00 PM	<p style="text-align: center;"><i>Unbounded Bodies and Embodied Risks: Nanotechnology, Embodiment, and the Demarcation of Bodies and Selves</i></p> <p style="text-align: center;">Bridget HARR, Dr. Barbara HERR HARTHORN – University of California at Santa Barbara, USA</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p style="text-align: center;"><i>NanoHU: A Pioneering Model of STEM Education at Hampton University for the Preparation of Nano-savvy Scientists for Global Enterprise</i></p> <p style="text-align: center;">Dr. Michelle CLAVILLE – Hampton University, USA</p>
4:00-4:30 PM	<p style="text-align: center;"><i>Attenuating the Risks of Nanotechnology in India: Elements of an Anticipatory Regulatory Framework</i></p> <p style="text-align: center;">Dr. Indrani BARPUJARI – The Energy and Resources Institute, India</p>
4:30-5:00 PM	<p style="text-align: center;"><i>From Effective Regulation of Nanomaterials towards Advanced Materials</i></p> <p style="text-align: center;">Dr. Aline REICHOW – Federal Institute for Occupational Safety and Health, Germany</p>

Theme: *Scientific and Social Assessment of Emerging Technologies for a Sustainable Society*

Salon Mont-Royal 2, Fourth Floor, Centre Mont-Royal

1:30-3:00 PM	<p>*Round Table*</p> <p><i>Building an Agenda for Socio-Technical Integration Approaches</i></p> <p>Dr. Erik FISCHER, Dr. Marianne BOENINK, Dr. Kornelia KONRAD, Dr. Fern WICKSON, Dr. Ulrike FELT – Arizona State University, USA</p>
3:00-3:30 PM	<p>Pause</p>
3:30-4:00 PM	<p><i>Framework for the Analysis of Emerging Technologies' Impacts and Ethical Acceptability: beyond the Valley of Death</i></p> <p>Dr. Jonathan GENEST, Dr. Georges-August LEGAULT, Dr. Jacques BEAUVAIS , Dr. Céline VERCHÈRE, Dr. Johane PATENAUDE – Université de Sherbrooke, Canada</p>
4:00-4:30 PM	<p><i>Governing New Technologies in a Global Arena: Nanotechnology, Precautionary Principle and Barriers to Trade</i></p> <p>Yasmina MALKI – Université Laval, Canada</p>

Salon Mansfield 5, first floor, Centre Mont-Royal

1:30-5:00 PM	<p>*Workshop*</p> <p><i>Making the Case(s) for Life Cycle-Based Ethics of Emerging Technologies</i></p> <p>Kathleen EGGLESON, Christopher BOSSO, Matthew ECKELMAN, Jacqueline ISAACS, John BASL - University of Notre-Dame, USA</p>
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CREPEC Parallel Event

Theme: *Polymer Nanocomposites / Nanocomposite Fabrication*
Salon Cartier 2, Third Floor, Centre Mont-Royal

Session Chair: Philippe DUFOUR, Université Laval

1:30-2:00 PM	<p><i>PLA-CNC bionanocomposites: from preparation to properties</i></p> <p>Davood BAGHERI, Pierre CARREAU – École Polytechnique, Canada</p>
2:00-2:30 PM	<p><i>Photochemical functionalization of nanoparticles</i></p> <p>Jason TAVARES – École Polytechnique, Canada</p>
2:30-3:00 PM	<p><i>Controlling the morphology of clay-containing SEBS block copolymer nanocomposites: A decisive step toward desirable properties</i></p> <p>Nicole DEMARQUETTE – École des Technologies Supérieures, Canada</p>
3:00-3:30 PM	<p>Coffee break & CQMF/CREPEC Poster session</p>
3:30-4:00 PM	<p><i>3D printing of nanocomposites for mechanical microsystems</i></p> <p>Sampada BODKHE – École Polytechnique, Canada</p>
4:00-4:30 PM	<p><i>Nanostructures from Nanofibers by Electrospinning for Various Functional Applications</i></p> <p>Abdellah AJJI – École Polytechnique, Canada</p>

Wednesday October 21st, 2015

Conference Sessions (by theme)

Note: Only the primary author affiliation is displayed in the program.

Theme: <i>The Economics, Politics and Ethics of Innovation</i> <i>Salon Cartier 1, Third Floor, Centre Mont-Royal</i>	
9:00-9:30 AM	<p><i>China's Science, Technology, Engineering, and Mathematics (STEM) Research Environment</i></p> <p>Dr. Xueying HAN, Dr. Richard APPELBAUM, Dr. Cong CAO – University of California at Santa Barbara, USA</p>
9:30-10:00 AM	<p><i>Technology, Innovation and Unemployment</i></p> <p>Dr. Yvonne STEVENS – Arizona State University, USA</p>
10:00-10:30 AM	<p><i>Scientific Social Media: How Science Talk Differs between Twitter and Weibo</i></p> <p>Galen STOCKING, Han XUEYING; Ariel HASEL – Pew Research Center, USA</p>
10:30-11:00 AM	Pause
11:00-11:30 AM	<p><i>Overcoming Barriers to Emerging Technologies: Classification Framework and Implications for Policy Action</i></p> <p>Gennady BELYAKOV – Georgia Institute of Technology, USA</p>
11:30-12:00 AM	<p><i>The Value Chain of Mexican Nanotechnology Companies</i></p> <p>Dr. Edgar ZAYAGO-LAU, Dr. Richard P. APPELBAUM, Dr. Guillermo FOLADORI – Universidad Autonoma de Zacatecas, Mexico</p>
12:00-1:30 PM	Lunch
1:30-2:00 PM	<p><i>Commercializing Emerging Technologies through Networks: Case of Nanotech SMEs in the UK</i></p> <p>Fatemeh SALEHI YAZDI – University of Manchester, UK</p>
2:00-2:30 PM	<p><i>Risk Assessment and Regulation of Nanomaterials in Canada: Are They Adapted?</i></p> <p>Simon BEAUDOIN – UQAM, Canada</p>
2:30-3:00 PM	<p><i>New Technologies, Uses and Aftereffects</i></p> <p>Dr. Carmen MACHADO, Dr. Tania MACIEL – Research Institute of the Botanical Garden of Rio de Janeiro, Brazil</p>

Theme: *Emerging Technologies and the Future: Narratives, Visions and Practices*
Salon Cartier 2, Third Floor, Centre Mont-Royal

9:00-9:30 AM	<p><i>Between Science and Fiction – Nanotechnology Representation in American Comic Books</i></p> <p>Frederic DUBOIS – Université Laval, Canada</p>
9:30-10:00 AM	<p><i>Envisioning Nano-Enabled Targeted Drug Delivery in India</i></p> <p>Panday POONAM– Jawaharlal Nehru University, India</p>
10:00-10:30 AM	<p><i>When Biotech Becomes Public: Perspectives and Representations of DIYbio Community Members</i></p> <p>Daphne ESQUIVEL-SADA – Université de Montréal, Canada</p>
10:30-11:00 AM	Pause
11:00-11:30 AM	<p><i>The Concepts of Life and Living Forms in Official Curricula from Preschool to High School in France and Québec</i></p> <p>Dr. Marie-Claude BERNARD – Université Laval, Canada</p>
11:30-12:00 AM	<p><i>Project Presentation of: Impact! Ethical Reflection in Engineering through Art</i></p> <p>Shannon SPRUIT, Z. H. ROBAEY; A. SPOELSTRA – Delft University, The Netherlands</p>
12:00-12:30 PM	<p><i>The Phenomenological Foundations of Technological Irreversibility</i></p> <p>Jan Peter BERGEN – Delft University, The Netherlands</p>
12:30-1:30 PM	Lunch
1:30-2:00 PM	<p><i>Technoscience and the New Age of Darkness</i></p> <p>Mathieu GAGNON – Université Laval, Canada</p>
2:00-2:30 PM	<p><i>Exploring the Socio-Epistemic Roles of Visions in New and Emerging Technologies</i></p> <p>Dr. Arianna FERRARI, Dr. Andreas LÖSCH; Christopher COENEN – ITAS, Germany</p>
2:30-3:00 PM	<p><i>The undue empowerment of transhumanism</i></p> <p>Jimmy VOISINE – Université Laval, Canada</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Technology and Climate Futures: How Experts Advising the European Commission on Research Policy Make Sense of Climate Engineering</i></p> <p>Raffael HIMMELSBACH – Linköping University, Sweden</p>

Theme: *Emerging Technologies in Energy, Food and Agriculture*
Salon International 1, Third Floor, Centre Mont-Royal

9:00-9:30 AM	<p align="center"><i>Healthy, Efficient and Sustainable Buildings with Network of Emerging Technologies</i></p> <p align="center">Dr. Uday TRIVEDI, Pryank TRIVEDI – Institute of Infrastructure, Technology, Research and Management, India</p>
9:30-10:00 AM	<p align="center"><i>Recasting Problem-Solving Interactions: Insights from Emergent Technology Policies</i></p> <p align="center">Dr. Mathieu MONDOU – University of California at Berkeley, USA</p>
10:00-10:30 AM	<p align="center"><i>Would Nanofoods Reconfigure Global Geopolitics of Food?</i></p> <p align="center">Dr. Louise VANDELAC – UQAM, Canada</p>
10:30-11:00 AM	Pause
11:00-11:30 AM	<p align="center"><i>Stewardship and Care as Ethical and Technical Paradigms for Agricultural Innovation</i></p> <p align="center">Dr. Louis-Étienne PIGEON – Université Laval, Canada</p>
11:30-12:00 AM	<p align="center"><i>Controversial Science Communication Competence: Assessment, Regulation and Governance of Emerging Agricultural Technologies for Food Security</i></p> <p align="center">Dr. Laxmi PANT – Guelph University, Canada</p>
12:00-12:30 PM	<p align="center"><i>Reducing Biotechnology-Related Concerns to a Question of Food Safety: A Strategy for Constraining Debate?</i></p> <p align="center">Dr. Susanna HORNIG PRIEST, Dr. JoAnn MYER VALENTI – University of Washington, USA</p>
12:30-1:30 PM	Lunch
1:30-2:00 PM	<p align="center"><i>Nanotechnology and Agriculture: Reflections from the Periphery</i></p> <p align="center">Thomas CARROZZA, Dr. Susana Silvia BRIEVA – Mar del Plata National University, Argentina</p>
2:00-2:30 PM	<p align="center"><i>The Organics Question in the Mexican Context of Anti-GMO Activism</i></p> <p align="center">Dr. Jennifer BROWN – Long Island University, USA</p>
2:30-3:00 PM	<p align="center"><i>The Role of Responsible Innovation in the Case of Certifications of GMOs and non-GMOs Soybeans</i></p> <p align="center">Dr. Julia GUIVANT– Federal University of Santa Catarina, Brazil</p>

Theme: *Responsible Research and Innovation in a Global Context*
Salon International 2, Third Floor, Centre Mont-Royal

9:00-9:30 AM	<p><i>Safe by Design in synthetic biology – whose responsibility?</i></p> <p>Zoe ROBAEY, Shannon L. SPRUIT, Ibo VAN DER POEL – Delft University, The Netherlands</p>
9:30-10:00 AM	<p><i>Nanomedicine and Responsible Innovation: Starting ‘a’ Discussion</i></p> <p>Indrani MAHAPATRA, Dr. Julian CLARK, Dr. Peter DOBSON, Dr. Iseult LYNCH, Dr. Richard OWEN, Dr. Jamie LEAD – University of Birmingham, UK</p>
10:00-10:30 AM	<p><i>Responsibilities in Teaching Nanotechnologies at School: a Care Approach</i></p> <p>Dr. Vanessa NUROCK, Dr. Nathalie PANISSAL – Université Paris-VIII, France</p>
10:30-11:00 AM	Pause
11:00-11:30 AM	<p><i>Educating Globally Conscious Nano Researchers: A Case Study From the Center for Nanotechnology in Society at UCSB</i></p> <p>Dr. Brandon FASTMAN – University of California at Santa Barbara, USA</p>
11:30-12:00 AM	<p><i>Safe or Responsible? Differences between ‘Safe’ and ‘Responsible’ Innovation in the Governance of Nanotechnologies</i></p> <p>Dr. Lilian VAN HOVE Dr. Fern WICKSON – GenØk, Norway</p>
12:00-12:30 PM	<p><i>The Influences and Interactions Between various Scientific Research and Technological Domains in Nanotechnology</i></p> <p>Hadi Shahidi NEJAD, Dr. Andrea SCHIFFAUEROVA – Concordia University, Canada</p>
12:30-1:30 PM	Lunch
1:30-3:00 PM	<p>*Round Table*</p> <p><i>African Research Capacity and Responsible Innovation: Global Video Portraits and Roundtable</i></p> <p>Dr. Matthew HARSH, Dr. Jameson WETMORE, Dr. Ravtosh BAL, Alexandra MEIKLEHEIM – Concordia University</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Open Innovation Practices in Nanotechnology Sector</i></p> <p>Arman SADREDDIN, Dr. Andrea SCHIFFAUEROVA – Concordia University, Canada</p>

Theme: *Scientific and Social Assessment of Emerging Technologies for a Sustainable Society*

Salon Mont-Royal 2, Fourth Floor, Centre Mont-Royal

9:00-9:30 AM	<p><i>Biology, Big Data, and International Security: Assessing Global Risks from Converging Technologies</i></p> <p>Dr. Margaret KOSAL – Georgia Institute of Technology, USA</p>
9:30-10:00 AM	<p><i>A Novel Architecture for Anticipatory Risk Assessment of Emerging Biotechnologies: the Building with Biology Case</i></p> <p>Dr. Gretchen GANO – University of California at Berkeley, USA</p>
10:00-10:30 AM	<p><i>Responsible Innovation Discourse: An Opportunity for the Social Work Field</i></p> <p>Hannah HOLITZKI, Dr. Gregor WOLBRING – University of Calgary, Canada</p>
10:30-11:00 AM	Pause
11:00-11:30 AM	<p><i>Anticipatory Governance of Autonomous Vehicles</i></p> <p>Dr. John HARLOW, Dr. Lauren WITHYCOMBE KEELER – Arizona State University, USA</p>
11:30-12:00 AM	<p><i>Nanotechnology for Social Challenges: Latin American Research in the Areas of Health, Energy and Water</i></p> <p>Dr. Noela INVERNIZZI, Dr. Guillermo FOLADORI – Federal University of Parana, Brazil</p>
12:00-1:30 PM	Lunch
1:30-2:00 PM	<p><i>Assessing the Public Value of Science Policies: Lessons from the US Global Change Research Program and the US National Nanotechnology Initiative</i></p> <p>Michael BERNSTEIN, Dr. Rider FOLEY – Arizona State University, USA</p>
2:00-2:30 PM	<p><i>Reflections on the Nano-Boom: Implications for Nanomanufacturing</i></p> <p>Dr. Jen SCHNEIDER, Ann DELANEY; Dr. Eric LINDQUIST – Boise State University, USA</p>
2:30-3:00 PM	<p><i>An Impact Study of the Center for Nanotechnology in Society, University of California Santa Barbara</i></p> <p>Dr. Luciano KAY – University of California at Santa Barbara, USA</p>
3:00-3:30 PM	Pause
3:30-4:00 PM	<p><i>Towards the Acceptance of Alternative Test Strategies in Nanomaterial Risk Assessment and Regulatory Decision Making: A Shifting Paradigm</i></p> <p>Dr. Christian BEAUDRIE – University of British Columbia, Canada</p>

Industrial Plenary Session Theme: <i>Responsible development in emerging technologies, exploring the new trend of socio-responsible financing</i> Salon Mont-Royal 1, Fourth Floor, Centre Mont-Royal	
9:00-9:20 AM	<i>An integrated Approach to Design and Safe Handling of Nanomaterials - A Program Based on a Dialogue Between Industry and Assessors of Health Risks</i> Nastasia GUAY, Dr. Serge KOUASSI, Dr. Frédéric SCHUSTER, Dr. Claude EMOND – Université de Montréal, Canada
9:20-9:40 AM	<i>Using control-banding and the principle of precaution to produce carbon nanomaterials that pose unknown or ill-defined hazards to workers and users.</i> Dr. Jens KROEGER – Raymor Industries Canada
9:40-10:00 AM	<i>Innovation with a cause</i> Alain NEVEUX – Ventix, Canada
10:00-10:30 AM	<i>Discussion</i> Chair Session: Dr. Charles-Anica ENDO
10:30-10:50 AM	Pause
Round Table	
10:50-11:10 AM	<i>Emerging technologies and crowd funding</i> François BÉDARD – Ulule Canada
11:10-11:30 AM	<i>Empowering sustainable businesses with equity crowdfunding</i> Jean-Pierre LEVAC – Code vibe, SPCQ, Canada
11:30-12:00 AM	<i>Discussion</i> Chair Session: Dr. Charles-Anica ENDO

Closing Lecture

4:00 PM, Salon Mont-Royal 2, Fourth Floor

Bernadette BENSAUDE-VINCENT, Université Paris-I, France

CQMF/CREPEC Poster Session

During the afternoon coffee break on Monday and Tuesday, the CQMF and CREPEC invite you to a poster session which will present the work of some of their students in a poster session. This poster session will take place in the common area of the third floor of Centre Mont-Royal.

Industrial Plenary Session

Theme: CQMF/CREPEC scientific poster session
Salon Mont-Royal 1, Fourth Floor, Centre Mont-Royal

Novel Method to Photocure Epoxy Using Semiconducting Nano Particles

Keroles B. RIAD, Paula M. WOOD-ADAMS, Jerome CLAVERIE and Rolf WUTHRICH
– Concordia University, Canada

A Selective Dispersion Process for Reduced Graphene Oxide (RGO) in Organic Solvents: Sorting the Leaflets with the Highest Graphitization Degree

Ahmad AL-SHBOLL, Jerome CLAVERIE – UQAM, Canada

Chemical Grafting of Anthraquinone on Porous Carbon for Electrochemical Double-Layer Capacitor Using Room Temperature Ionic Liquid as Electrolyte

Alexandre NOËL, Daniel BÉLANGER – UQAM, Canada

Polar Norbornene Insertion Polymerization for the Formation of Ionomers

Florian PIERRE, Ana C. TAVARES, Jérôme P. CLAVERIE – UQAM, Canada

Production of Chitosan Micro and Nanobeads via Electrospraying and Evaluation of its Antibacterial Activity

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