**First Meeting of the Energy Modelling Platform for North America (EMP-NA 2018)**

**OpTIMUS community – Open Tools Integrated Modelling an Upskilling for Sustainable Development**

**Date:** November 5, 2018  
**Location:** Phoenix, North Building 228B (INFORMS Annual Meeting)

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<tr>
<th>Time</th>
<th>Part 1</th>
<th>Joint Session ENRE/Practice Curated: Energy Modeling: Open Source, Applications and New Developments (link)</th>
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| 16:30   | **Denis Lavigne**, Ph.D.  
(Head of the Science Department / Royal Military College Saint-Jean  
National Defence / Government of Canada)                                                                                                                                                     | Session Chair                                                                                                                                               |
| 16:30 – 16:45 | **Benjamin D. Leibowicz**, Assistant Professor  
(University of Texas-Austin, Austin, TX, USA)                                                                                                                                                 | Representing the Demand Side in Energy System Optimization Models                                        |
| 16:45 – 17:00 | **Taco Niet**, Ph.D.  
(British Columbia Institute of Technology, Burnaby, BC, Canada)                                                                                                                                 | Storage End Effects and the Value of Stored Energy                                                        |
| 17:00 – 17:15 | **Agnese Beltramo**, Constantinos Taliotis, **Mark Howells**  
| 17:15 – 17:30 | **Denis Lavigne**, Ph.D.  
(Royal Military College Saint-Jean, Saint-Jean-sur-Richelieu, QC, Canada)                                                                                                                                 | An Overview of Past, Present and Future GHG Emissions and Objectives for Canada Leading to Open-source Energy Modeling |
| 17:30 – 17:45 | **Mark Howells**, Hauke Henke, Nandi Moksnes, Constantinos Taliotis, Agnese Beltramo  
(KTH Royal Institute of Technology, Stockholm, Sweden)                                                                                                                                 | Open Source Multi-state Continental Investment Models to Support an Analysis Ecosystem                  |
| 17:45 – 18:00 | **Concluding remarks**                                                                                                                                                                                                                                       |                                                                                                           |

### Side meeting to the informs conference

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<th>EMP-NA 2018</th>
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| 18:15 - | **Welcome**  
Denis Lavigne (CMRSJ)                                                                                                                                                                                                 | The North American Community                                                                                                                                |
|         | **Meeting objectives**  
Mark Howells (KTH)                                                                                                                                                                                                 | Advancing science, collaboration and development.                                                                                                          |
|         | **Remote / Submitted**  
Grand challenge (1)  
Alex Roehrl/Thomas Alfstad (UNDESA)                                                                                                                                 | Building knowledge and human capacity                                                                                                                        |
|         | **Remote / Submitted**  
Grand challenge (2)  
Debabrata Chattopadhyay (WBG)                                                                                                                                 | Sustainable accessible open source software for power systems planning                                                                                     |
|         | **Remote / Submitted**  
Grand challenge (3)  
Jeff Sachs (SDSN)                                                                                                                                                                                                     | Imperative Investment: The global challenge to meet SDG7 and 13.                                                                                          |
|         | **Move offsite**                                                                                                                                                                                                                                                     |                                                                                                           |
|         | EMP-2019/20/21  
Taco Neilt (UBIC) and All.                                                                                                                                                                                                 | Annual meeting times and venues                                                                                                                               |
|         | **Special Issue Energy Strategy Reviews**  
Mark Howells (KTH) and All.                                                                                                                                                                                                 | A special issue of Energy Strategy Reviews for EMP-NA2019                                                                                                 |
|         | **Collaboration**  
Jo DeCarolis (UNCS) and All.                                                                                                                                                                                                 | Some thoughts for a collaboration: esp where we could jointly build resource from which we might benefit as a group. (US-Canada model, joint applications, etc) |
|         | **-20:00 Collaboration**  
Bruce Hamilton (ANL) and All                                                                                                                                                                                                 | Assisting developing countries and global partnerships                                                                                                       |