

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)

Time	Part 1		Joint Session ENRE/Practice Curated: Energy Modeling: Open Source, Applications and New Developments (link)
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 (KTH Royal institute of Technology, Stockholm, Sweden)		Osemosys.org and the Global Climate-land-energy-water Model: An Integrated Resource Assessment Tool Supporting Sustainable Pathways for the Energy System
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		
	Part 2		EMP-NA 2018
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