



[MTN]™ Conference 2010

Manufacturing Optimization: New Energy

Hear industry leaders speak about how their companies are using technology to tackle the manufacturing challenges of today and tomorrow. Meet your customers, suppliers, partners, and competitors.

Location: November 2, 2010, CIBC Hall, 3rd Floor, McMaster University, 1280 Main Street West, Hamilton, Ontario, Canada L8S 2A5

08:00 – 09:00	3rd Flr Lobby: Registration and coffee		
09:00 – 09:10	Rm 319: Introduction to the Conference: Dr. Steven Treiber, McMaster University		
09:10 – 09:30	Rm 319: Keynote: Hon. Glen Murray, MPP, Minister of Research and Innovation, Government of Ontario		
09:30 – 09:50	Rm 319: Mr. Aleck Dadson, COO, Ontario Energy Board		
09:50 - 10:10	Rm:319: Dr. Mo. Elbestawi , VP Research, McMaster University		
10:10 – 10:30	Rm 319: Industry Speaker: TBA, Bell Canada		
10:30 – 11:00	3 rd Flr Lobby: Coffee Break		
	Session A: Rm 319A	Session B: Rm 319B	Session C: Rm 318
11:00- 11:45	Modern Art of Milling, Mr. Kevin Lorch, Sandvik-Coromant	Leveraging Technology for Smart Grid Solutions, Mr. Kaliyur Sridharan, Team Leader, GE Digital Energy	Economics of Refinery Optimization[Dr. Ron McLeod & Dr. Steven Treiber, McMaster University]
11:45– 12:30	X-ray Diffraction, Residual Stress, and Component Manufacture, Mr. Robert Drake, Proto-Manufacturing	Control and Protection Strategies for Low-Voltage Microgrids, Dr. Tarlochan Sidhu & Dr. Amimaser Yazdani, University of Western Ontario	Information and Optimization Technology in a New Alberta Refinery [Mr. Cliff Pedersen, North West Upgrading Inc]
12:30 – 13:30	3rd Flr Lobby:Lunch and Guest Speaker: Dr. Don Hewson, Dr. Murray McLaughlin. University of Western Ontario		
13:30 – 14:15	Milling of Aerospace Materials, D. Wills, T. Hofmann, ATI Stellram	Smart Power Grids: A New Era with New Challenges, [Dr. Nafia Al-Mutawaly & Dr. Chi Tang, McMaster University]	Refinery Real-time Optimization [Mr. Dale Mudt, Sunoco Refinery, Samia, Ontario]
14:15 – 15:00	Tool Path Optimization for Hard to Cut Materials, Jean-Francois Fritsch, In-House Solutions	Bio-Generator Electricity, Dr. Dimitre Karamanev, University of Western Ontario	Improve Refinery Margins: With Better Engineering and Planning Decisions [Mr. Joe Sieben, AspenTechnology, Boston, MA]
15:00 – 15:45	Titanium Machining in Aerospace, [Single Source Technologies & Makino]	Training Students to Participate in a New Industry, Dr. John Preston, McMaster University	Off-line Refinery Optimization [Mr. Bob Powell, KBC Technologies, Houston Texas]
15:45 – 16:00	3rd Flr Lobby: Coffee Break		
16:00 – 16:45	Development of Coatings [McMaster University: Dr. Stephen Veldhuis	Development of High Efficiency Solar Cells, Dr. Rafael Kleiman, McMaster University	The Role of Planning and Scheduling in Refinery Optiimization, Mr. Craig Acuff, M3 Technology
16:45 – 17:30	Challenges of Beta Alloy Machining, Dr. Eugene Ng, Dr. Steven Treiber, McMaster University		Romeo, A New Optimization Approach, Mr. Robert Morrison, Invensys Process Systems, Houston, TX
17:30 – 18:30	3rd Flr Lobby: Networking Reception		