



Location:





**Centre for Health and Safety Innovation
5110 Creebank Road
Mississauga , Ontario L4W 0A1**




1	To facilitate the process of industry, government, associations and academia working together with the ultimate aim of improving safety, health, environment and loss management in the workplace and to demonstrate the role of SHE (Safety, Health and Environment) management in corporate effectiveness and profitability
2	To enable educators to acquire safety, health environment and loss management knowledge, including available resources and how to incorporate topics in their curricula
3	To enhance industry, government and associations' awareness of ways to effectively assist universities with respect to resources and support in the field of safety, health environment and loss management
4	To provide a vehicle by which the Canadian Society for Chemical Engineering Process Safety Management subject division and Minerva Canada can support universities on a continuous basis with respect to integration of topics into the undergraduate curriculum.
5	To provide course work and SHE class teaching materials for integration into existing undergraduate courses; to present opportunities for new areas of research and publication including the possibility of new grant funding opportunities via Minerva case studies
6	To encourage universities to commit to an implementation strategy on coverage of environment, health and safety topics into their teaching programs.

2008 Engineering Summer Institute Agenda

Item	Activity	Who	Time	Duration (hr:min)	Theme
1.0	Sunday, May 25, 2008				
	Location: Stage West Hotel				
1.1	Register and refreshments Stage West Hotel		5:00 PM	1:00	
1.2	Welcome and Opening Remarks	Tony Pasteris Maureen Shaw	6:00 PM	0:30	
1.3	Dinner		6:30 PM	1:30	
1.4	Panel Discussion - Setting the Stage for More University Engineering Education in Safety, Health and Environment	Maureen Shaw - IAPA Martin Bruce – Novachem Syed Ahmed - Imperial Oil Marcel Pouliot -Trimac	8:00 PM	1:00	
2.0	Monday, May 26, 2008				
		Load at Stage West		7:30 AM - 7:45 AM	
2.1	Welcome and Introduction to the 6 Themes of the Minerva Summer institute	Tony Pasteris - Minerva Graeme Norval U of T	8:00 AM	0:15	
2.2	Ethics and What the Law has to say about it Business Case for a Healthy Workplace	V. Pakalnis - Ontario MOL Joan Burton IAPA	8:15 AM	1:45	Regulations & Ethics
2.3	Break		10:00 AM	0:20	
2.4	The Minimum Requirements; Safety & Health in the Workplace - the Fundamentals of the OH&S Act; Common Technical and Regulatory Codes that Engineers and Managers should be Familiar with	Bhawani Pathak - CCOHS Jeanne Bank - CSA Cathy Frederickson - CSA	10:20 AM	1:20	Regulations, Codes, Standards
2.5	Keynote Speaker -- On the Road to Zero - A Business Case for Health and Safety	Tom Beegan Chief Prevention Officer Ontario WSIB	11:40 AM	0:35	

Item	Activity	Who	Time	Duration (hr:min)	Theme
2.6	Lunch		12:15 PM	0:30	
2.7	The Application of Regulations, Codes and Standards in Industry	Nancy Sherwin - Imperial Oil	12:45 PM	0:45	
2.8	Going Beyond the Minimum; Process Safety Management; The PSM 14 Elements in the PSM Guide	Graham Creedy - CCPA	1:30 PM	1:30	SHE Management
2.9	Break		3:00 PM	0:15	
2.10	Basics of Inherently Safer Designs; Managing Process Safety Knowledge; Layers of Protection - Safety Instrumented Systems - New Approaches	Manny Marta- Nova Chemicals	3:15 PM	1:30	Safety Technology
	 Load at CHSI		5:00 PM - 5:15 PM		
2.11	Dinner		6:00 PM	1:30	
2.12	The Dupont Nanotechnology Risk Model	Nina Mankovitz - Dupont	7:30 PM	1:00	

Item	Activity	Who	Time	Duration (hr:min)	Theme
3.0	Tuesday, May 27, 2008				
	 Load at Stage West		7:45 AM - 8:00 AM		
3.1	Tour of Procor (bus pickup at StageWest Hotel at 08:00 - 11:15 return to CHSI) Arrive Gate 6, off Speers Rd., use telephone to notify Procor of arrival -Tour of Procor - Agenda 1) Welcome, introductions and safety orientation(s) as applicable 2) Process safety issues involved in managing a diverse fleet of rail cars for use across North America	Manny Marta - NovaChem	8:00 AM	4:00	SHE Management Systems
	 Load at Procor		11:15 AM - 11:30 AM		
3.2	Lunch		12:00 PM	0:45	
3.3	Hazard and Risk Analysis Systems	Marcello Oliverio - Nuclear Safety Solutions	12:45 PM	1:45	SHE Management Systems
3.4	Break		2:30 PM	0:30	
3.5	Review of Existing SHE Teaching Resources; SACHE and Minerva; Other Resources; How to Bring Them into the Curriculum	Graeme Norval UofT	3:00 PM	2:00	SHE Teaching Practices
	 Load at CHSI		5:00 PM - 5:15 PM		
3.6	Social event --- Distillery District Toronto Mill Street Brewery Tour		6:00 PM	3:00	
	 Load at Distillery District		9:00 PM - 9:15 PM		

Item	Activity	Who	Time	Duration (hr:min)	Theme
4.0	Wednesday, May 28, 2008				
	Final Load at Stage West		7:30 AM - 7:45 AM		
4.1	Workshops: How is Safety Currently Taught?; What is Needed to Bring it more Fully into the Curriculum (elearning as a tool to Assist); How can this be Expanded to Other Disciplines	Graeme Norval UofT (Facilitator)	8:00 AM	1:30	SHE Teaching Practices
	Teaching OH&S to Human Resources Business Students	Paul Gallina Bishop's University			
4.2	Break		9:30 AM	0:20	
4.3	Closing Keynote Address. The GM/VOIT Minerva Case Study - The Importance of Leadership to Drive Safety Improvement	Claudio Girolami - GM Marc Rosen - VOIT	9:50 AM	1:00	Business Case for safety Management
4.4	Leading company practices in managing Safety, Health, Environment--RWCampbell Award winners (2004-2007) Closing Remarks and Wrap Up - Review of Summer Institute, and Opportunities for Improvement. Next Steps.	Tony Pasteris Minerva	10:50 AM	0:50	
4.6	Lunch		11:40 AM		
4.7	Adjournment				
	Group Photo		12:00 PM		
	Load at CHSI to Pearson Airport Directly		1:15 PM - 1:30 PM		