
Microbiologically Influenced Corrosion (MIC) Industry Workshop

Alberta Innovates/InnoTech Alberta
Calgary, AB, Canada

November 1st, 2017



Workshop Objectives



- To bring together various stakeholder groups and disciplines interested in the topic of MIC:
 - end users/operators
 - service companies/suppliers
 - consultants
 - government/regulators
 - academia
 - corrosion & materials specialists
 - engineers & technologists
 - microbiologists
 - chemists
- To learn about current trends in MIC detection, mitigation, prediction and research.
- To share information on best practices and approaches used in the management of MIC.

Workshop Organizers



- This workshop is being hosted as part of a new R&D project entitled “*Managing Microbial Corrosion in Canadian Offshore & Onshore Oil Production Operations*”
- \$7.85M project funded by Genome Canada, Alberta Innovates, Govt of Alberta & Newfoundland, and industry (in-kind).
- Co-led by *University of Calgary*, *Memorial University of Newfoundland*, and *University of Alberta/InnoTech Alberta (formerly the Alberta Research Council)*.
- Four (4) year duration - kicked off Q1 2017
- See website for more info: www.geno-MiC.ca

Project Partners



Universities:



Federal and Provincial Agencies:



Tourism, Culture, Industry and Innovation

Project Partners



End-User Partners:



Thanks to our workshop sponsor!



**Suez Water Technologies &
Solutions**

Safety



- In the event of an alarm, please exit via the south side of the building (turn right from meeting room, **exit by restrooms**) and proceed to the muster point at the back of the building.



Logistics

- Please turn off all cell phones (or set to silent).
- Restrooms located outside main meeting room (to the right).



Logistics (cont.)

- If you need anything or have any questions, please see [Nuno Fragoso](#) (Project Coordinator).
- Breakfast, lunch & coffee breaks will be located in foyer outside the meeting room.
- If you are interested in a copy of the presentations today, please ensure your name and email is on the [sign-up sheet](#).



Internet Access

- Wireless internet is available at the workshop.
- Connect to “**AI Guest**” (no password required).



Workshop Agenda



8:15 AM	Continental Breakfast (45 min.)	
9:00 AM	Welcome & Roundtable Introductions (15 min.)	J. Wolodko
9:15 AM	Introduction to MIC (30 min.)	R. Eckert
9:45 AM	Genomics 101 – How Genomics can assist in MIC Management (30 min.)	L. Gieg
10:15 AM	Coffee/Networking (30 min.)	
10:45 AM	Managing Microbial Corrosion in Canadian Offshore & Onshore Oil Production Operations - Project Overview (30 min.)	F. Khan
11:15 AM	Current and Future Standards for MIC Management (30 min.)	T. Skovhus
11:45 AM	Industry Participation Survey (15 min.)	L. Lefsrud/J. Wolodko
12 Noon	Lunch (60 min)	
1:00 PM	Break-out Sessions (20 min. per topic):	
	<ul style="list-style-type: none"> Field Sampling/MIC Detection 	L. Gieg/K. Hawboldt
	<ul style="list-style-type: none"> MIC Mitigation 	T. Jack/K. Wunch
	<ul style="list-style-type: none"> MIC Prediction 	T. Skovhus/F. Khan
	<ul style="list-style-type: none"> Failure Analysis 	R. Eckert/J. Wolodko
2:30 PM	Coffee/Networking (30 min.)	
3:00 PM	Outcomes of Break-out Session/Next Steps	Group Leads
4:00 PM	Adjournment	

Opening Comments



Dr. Gijs van Rooijen
Chief Scientific Officer
Genome Alberta



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Enjoy the Workshop!

