

**Biofilm Science & Technology Workshop**
**February 6, 2018 FINAL AGENDA**

2/14/2018 11:41 AM

Hilton Crystal City at Washington Reagan National Airport, Arlington, Virginia

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
7:30 a.m.–8:15 a.m.	Registration and continental breakfast, Commonwealth Foyer, Lower Level	
8:15 a.m.–8:20 a.m.	Welcome & opening remarks, Williamsburg/ Yorktown Ballrooms, Lower Level	Paul Sturman, CBE Industrial Coordinator Laura Wahlen, CBE IA Program Chair; Research Assoc. III, Baxter Healthcare
<b>SESSION 1: Industrial Biofilms</b>		
8:20 a.m.–8:30 a.m.	Session introduction	Paul Sturman
8:30 a.m.–9:00 a.m.	Biofilm response to fluid shear in water systems	Paul Sturman
9:00 a.m.–9:30 a.m.	Microbially influenced corrosion (MIC) management in the oil and gas industries	Ken Wunch, Energy Technology Platform Leader, Dow Microbial Control
9:30 a.m.–10:00 a.m.	Legionella in building water	Frank Sidari, Technical Director, Special Pathogens Laboratory
10:00 a.m.–10:30 a.m.	Break, Commonwealth Foyer	
<b>SESSION 2: Food-Related Biofilms</b>		
10:30 a.m.–10:35 a.m.	Session Introduction	Paul Sturman
10:35 a.m.–11:00 a.m.	Modifications to ASTM Standards for growing laboratory biofilms important to the food & beverage industry: A literature review	Paul Sturman on behalf of Diane Walker, CBE Research Engineer
11:00 a.m.–11:30 a.m.	From lab bench to market	Carolina Mateus, R&D Director MQAH, DeLaval
11:30 a.m.–12:00 p.m.	Detection, control, and monitoring of biofilms in production environments and its implications for food safety	Dumitru Macarisin, Research Microbiologist, Molecular Methods and Subtyping Branch, Office of Regulatory Science, Ctr. for Food Safety and Applied Nutrition, FDA
12:00 p.m.–1:10 p.m.	Lunch, Crystal Ballroom, Plaza Level	
<b>Session 3: Medical Biofilms</b>		
1:10 p.m.–1:20 p.m.	Session Introduction	Phil Stewart, Professor, Chemical & Biological Engineering, MSU; CBE
1:20 p.m.–1:50 p.m.	Strategies for preventing biofilm infections on medical devices	Phil Stewart
1:50 p.m.–2:20 p.m.	Tricking your host immune response to battle biofilms	Mark Shirliff, Professor, Dept. of Microbial Pathogenesis; Dept. of Microbiology & Immunology, University of Maryland
2:20 p.m.–2:50 p.m.	Biomaterial-associated infection: Novel strategies against multidrug resistant biofilms and host tissue colonization	Sebastian A.J. Zaat, MD, Amsterdam Infection & Immunology Institute, Academic Medical Center, Amsterdam, The Netherlands
2:50 p.m.–4:00 p.m.	Break & Discussion session	