**All times are Mountain Daylight Time (MDT)**

**Tuesday**

**July 13**

9:15–9:25  **Opening Remarks**
Matthew Fields  
CBE Director  
Professor, Microbiology & Immunology, MSU  
Paul Sturman, CBE Industrial Coordinator

**SESSION 1: Biofilm Matrix**

9:25–9:30  **Session Introduction**
Matthew Fields

9:30–10:10  **Title TBA**
Hans Steenackers, Assistant Professor, Microbial & Molecular Systems, KU Leuven, Belgium

10:10–10:50  **Biofilm mechanics as a surface survival mechanism for them but a drag for us**
Paul Stoodley, Professor, Microbial Infection & Immunity; Director, Campus Microscopy & Imaging Facility, The Ohio State University

10:50–11:20  **Break**

11:20–12:00  **Secreted, large-scale, extracellular membrane systems in microbial biofilms**
Matthew Fields

12:00–12:40  **Matrix in the context of biofilm 3D printing**
Reha Abbasi, Postdoctoral Researcher, CBE

12:40–1:00  **Break**

**PANEL DISCUSSION**

1:00–2:00  **The hidden potential and known challenges of the biofilm matrix**
Matthew Fields  
Sarah Finn, Senior Microbiology Manager, Kersia  
Jan Hodges, Director, QA & Regulatory Affairs, Quest Medical  
Hans Steenackers  
Paul Stoodley  
Moderator:  
Darla Goeres, Research Professor of Regulatory Science, CBE  
Co-Moderator:  
Jim Wilking, Associate Professor, Chemical & Biological Engineering, MSU, CBE

12:00–12:40  **Biofilms as hot spots for gene transfer**
Phil Stewart, Regents Professor, Chemical & Biological Eng., MSU, CBE

**SESSION 2: Medical Biofilms**

9:25–9:30  **Session Introduction**
Garth James, PI, Medical Biofilms Laboratory, CBE; Assoc. Research Professor, Chem. & Bio. Eng., MSU

9:30–10:10  **The infectious microenvironment and biofilms**
Thomas Bjarnsholt, Professor, International Health, Immunology & Microbiology, University of Copenhagen, Denmark

10:10–10:50  **The wound microbiome**
Garth James

10:50–11:20  **Factors that influence microbial ingress into Luer activated valves for intravascular administration sets**
Elinor Pulcini, Assistant Research Professor, Chemical & Biological Engineering, MSU, CBE

12:00–12:40  **Special Presentation**
Phil Stewart, Regents Professor, Chemical & Biological Eng., MSU, CBE

12:40–1:00  **Break**

**Wednesday**

**July 14**

9:15–9:25  **Opening Remarks**
Matthew Fields  
Paul Sturman

12:00–12:40  **Biofilms as hot spots for gene transfer**
Phil Stewart, Regents Professor, Chemical & Biological Eng., MSU, CBE

12:40–1:00  **Break**
Thursday
July 15

9:15–9:25
Opening Remarks
Matthew Fields
Paul Sturman

SESSION 3: Industrial Biofilms

9:25–9:30
Session Introduction
Darla Goeres

9:30–10:10
Beer draught line challenge: Biofilm vs. chemistry
Darla Goeres

10:10–10:50
Impacts of an antibacterial coating on the growth of ISS isolates for single and mixed domain biofilms
Madelyn Mettler, PhD Student, Chemical & Biological Eng., MSU, CBE

10:50–11:20 Break

11:20–12:00
Fungal biofilms: The good, the bad, and the unknown
Erika Espinosa-Ortiz, Asst. Research Professor
Chemical & Biological Eng., MSU, CBE

12:00–12:40
Sensing slime: Microfabricated sensors to detect biofilm
Matt McGlennen, PhD Student
Mechanical & Industrial Eng., MSU, CBE

12:40–1:00 Break

Strategic Planning Meeting
1:00–2:30
CBE Industrial Associates

CBE virtual Open House:
Posters, lab demos, ask-an-expert
1:00–3:00

Thank you for participating in our meeting
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