Monday
July 11
6:00–8:30 p.m.
Pre-registration & welcome reception
Larkspur Foyer, Hilton Garden Inn, Bozeman

Tuesday
July 12
7:30–8:00 a.m.
Registration & continental breakfast
Larkspur Foyer, Hilton Garden Inn
8:00–8:15
Introductory remarks
Larkspur Ballroom
Paul Sturman, CBE Industrial Coordinator
Harsh Trivedi, IA Chair, Colgate-Palmolive
Phil Stewart, CBE Director

SESSION 1:
Biofilm Dispersion
8:15–9:00
Escape from the matrix!
Richard Losick, Professor, Biology, Harvard University
9:00–9:40
Marine alkaloid derivatives that inhibit and disperse bacterial biofilms
Christian Melander, Co-Founder & Chief Research Officer, Agile Sciences
Associate Professor, Chemistry, North Carolina State University
9:40–10:10
Imaging biofilm dispersion...or not!
Betsey Pitts, Research Associate & Microscope Facilities Manager, CBE
10:10–10:40 Break
10:40–11:20
Dispersal of methicillin-resistant Staphylococcus aureus biofilms
Alex Horswill, Associate Professor, Microbiology, University of Iowa

Wednesday
July 13
7:30–8:00 a.m.
Registration & continental breakfast
Larkspur Foyer, Hilton Garden Inn

SESSION 2:
Metals, Microbes & Microbially Influenced Corrosion (MIC)
8:00–8:30
Methods for the study of extracellular electron transfer in electrode-associated biofilms using Geobacter sulfurreducens as a model
Ashley Franks, Research Assistant Professor, University of Massachusetts Amherst; Senior Lecturer, La Trobe University, Australia
8:30–9:00
Chromium (VI) reduction by environmental microbes – Influence of common soil constituents and carbon sources on chromium (VI) reduction and toxicity
Robin Gerlach, Associate Professor, Chemical & Biological Engineering, CBE
9:00–9:30
In situ microbial reduction of selenium in backfilled phosphate mine overburden, S.E. Idaho
Lisa Kirk, PhD, Land Resources & Environmental Science, CBE
9:30–10:00
Treatment of mine water using MBBR technology
Caroline Dale, Biological Principal Engineer, Veolia Water
Scott Benowitz, P.E., President, Water Engineering Technologies, Inc.
10:00–10:30 Break
10:30–11:00
Investigating biofilm-influenced corrosion using molecular tools
Iwona Beech, Professor, Botany & Microbiology, University of Oklahoma
11:00–11:30
Special Presentation:
Bacteria in the food industry—biofilm, survival, control
Trond MØretrØ, PhD, Research Scientist, Nofima Food, Norway
11:30–12:00
State of the CBE address
Phil Stewart
12:00–1:00
Catered lunch at the Hilton Garden Inn

SESSION 3:
Systems Biology
1:00–1:30
Transcriptome analysis of biofilm physiology
Phil Stewart
1:30–2:00  
Characterization of biofilm heterogeneity using transcriptome approaches  
Mike Franklin, Associate Professor, Microbiology, CBE

2:00–2:30  
Proteomic and physiological support for the stoichiogenomic analysis of metabolic networks under nutrient limitation  
Reed Taffs, PhD Candidate, Chemical & Biological Engineering, CBE

2:30–3:15  
Medical devices: The changing FDA landscape  
Craig Coombs, President, Coombs Medical Device Consulting

3:15–3:30 Break

3:30–4:30  
CBE Industrial Associates Business Meeting

6:00–9:00  
Banquet  
Rockin TJ Ranch, Bozeman

9:30–10:00 Break

10:00–10:30  
Biofilms, oxygen, and wound healing  
Garth James, CBE Medical Projects Manager, Associate Research Professor, Chemical & Biological Engineering, MSU

10:30–11:00  
Intracellular pathogens and host cytoskeletal structures  
Kelly Kirker, Research Scientist, CBE

11:00–11:30  
Electric current effects on biofilm  
Liz Sandvik, PhD Candidate, Chemical & Biological Engineering, CBE

11:30–11:45  
Meeting Wrap-up

2012 Meeting Dates:
February 7–8, 2012  
July 17–19, 2012

Thursday  
July 14

7:30–8:00 a.m.  
Registration & continental breakfast  
Larkspur Foyer, Hilton Garden Inn

SESSION 4:  
Biofilm Methods

8:00–8:30  
Standard biofilm methods: A roadmap to anti-biofilm claims for medical devices  
Nick Allan, Contract Research Manager, Innovotech, Inc.

8:30–9:00  
Using equivalence testing in microbiology  
Albert Parker, Statistician & Research Engineer, CBE

SESSION 5:  
Medical Biofilms

9:00–9:30  
Selective killing of biofilm pathogens  
Peter Suci, Research Assistant Professor, Plant Sciences & Plant Pathology, CBE