Subsurface Biosphere Initiative & IGERT Workshop
June 17-19, 2007
Newport, Oregon

Sunday Evening, June 17
7:15  Lew Semprini, SBI Executive Committee Chair
Introductory talk about SBI and Workshop

7:30  Keynote Speaker: Mary Firestone, Professor, Department:
Environmental Science, Policy & Management Division: Ecosystem
Sciences, University of California - Berkeley
Can Molecular Microbial Ecology Increase Our Understanding Of
Subsurface Processes?

8:30  Campfire Social

Monday Morning, June 18
8:00  Markus Kleber, Oregon State University
The Reactivity of Biogeochemical Interfaces

9:00  Peter Nico, Advanced Light Source (ALS) at the Lawrence Berkeley
National Lab
Synchrotron Spectromicroscopy and Biogeochemical Interfaces

10:00 Break

10:15 Stephanie Boyle, Recent IGERT PhD Graduate
Bacterial and Fungal Contributions to Soil Nitrogen Cycling

10:45 Shawn Starkenburg, Oregon State University IGERT Student
A Genome-Enabled Comparison of Metabolic Variations within the Genus
Nitrobacter

11:15 Break for lunch

Monday Afternoon, June 18
1:15  Lew Semprini, update from the SBI Executive Committee Chair

1:35  Dave Myrold, update from the IGERT Director

1:45  Dorthe Wildenschild, Oregon State University
Non-destructive 3D imaging of biofilm architecture with x-ray
tomography

2:15  Brian Wood, Oregon State University
Biofilms in Porous Media: An Overview of Progress
on Theory and Characterization in 3-Dimensions
2:45   Break

3:00   Andy Sabalowsky, Oregon State University IGERT Student
Comparison of attached vs. suspended growth for anaerobic reductive
dechlorination of high TCE concentrations

3:30   2007 IGERT Group Process Training Students
Anaerobic Oxidation of Methane and GPT: Highlights and Lessons Learned

4:00   Free Time and Dinner Break

Monday Evening, June 18
7:00   Student’s Power Point Poster Presentations and Open Bar

Tuesday Morning, June 19
8:00   Tommy Phelps, Oakridge National Lab
Life and times in the deep subsurface

9:00   Jessica Goin, Portland State University IGERT Student
Biosedimentology of Thermal Features of the Uzon Caldera, Kamchatka, Russia

9:30   Time to Check Out and Bring Luggage to Cars/Conference Room

10:00  Rebecca Poulson, Oregon State University IGERT Student
Trace Metal Cycling in Continental Margin Sediments - Insights from Molybdenum Isotopes

10:30  Mark Nielsen, Oregon State University IGERT Student
Bug Juice: Microbial Fuel Cells in Marine Sediments

11:00  Other business