

Tentative Workshop Agenda:

US-EC Workshop on Cyberinfrastructure Resources for Genome-Enabled Research on Microbial Life and the Marine Environment

National Science Foundation Building, Arlington VA
September 9-11, 2007

Sunday, September 9

(Location: Hilton Arlington Hotel, DaVinci/Picasso Meeting Room; 2nd floor)

12:00 pm Workshop Lunch

1:00 pm Welcome and charge (Moran, Amann)

Session 1: Big Questions for the Microbial Cyberinfrastructure (What fundamental biological/oceanographic questions will require an advanced cyberinfrastructure?)

1:10 pm Session introduction, Debashish Bhattacharya and Ian Head

1:50-2:50 pm Participant presentations

1. Douglas Bartlett
2. Gwenael Piganeau
3. Andrew Whiteley

2:50 pm Coffee Break

3:10 -4:40 pm Facilitated discussion: Debashish Bhattacharya and Ian Head,
Discussion Leaders

6:00 pm Opening reception with buffet, cash bar

Monday, September 10

(Location: NSF Building, Stafford I, Conference Room 375)

8:00 am Continental Breakfast

**Session 2: Accumulating Knowledge through Annotation and Data
Integration** (How can we make annotations consistent and keep
them current? How do we best take advantage of the synergy between
metagenomics and pure culture genomics?)

8:30 am Session introduction, Frank Oliver Glöckner

8:50-10:10 am Participant presentations

1. Giorgio Valle
2. Michael Richter

- 3. Gurvan Michel
- 4. Robert Edwards
- 10:10 am Coffee Break
- 10:30-12:00 pm Facilitated discussion: Frank Oliver Glöckner, Discussion Leader
- 12:00 pm Workshop Lunch

Session 3: Metadata Challenges (What metadata standards are need to preserve and augment the value of genomic and metagenomic data?)

- 1:30 pm Session introduction, Dawn Field
- 1:50-2:50 pm Participant presentations
 - 1. Trina McMahon
 - 2. James Cole
 - 3. Nicola Vitulo
- 2:50 pm Coffee Break
- 3:10-4:40 pm Facilitated discussion: Dawn Field, Discussion Leader
- 6:00 pm Workshop dinner, Caribbean Breeze Restaurant

Tuesday, September 11

(Location: NSF Building, Stafford I, Conference Room 375)

- 8:00 Workshop breakfast

Session 4: Lessons from Existing Microbial Cyberinfrastructures (What insights can be gleaned from existing cyberinfrastructures and databases?)

- 8:30 am Session introduction, Paul Gilna
- 8:50-9:50 am Participant presentations
 - 1. Victor Markowitz
 - 2. Stephan Schuster
 - 3. Marga Schüler
- 9:50 am Coffee Break
- 10:10 am Facilitated discussion: Paul Gilna, Discussion Leader
- 11:40 am Workshop wrap-up (Amann, Moran)
- 12:30 pm Workshop ends
- 12:30 pm Workshop Lunch