Symposium and Workshop on
New Methods for Phylogenomics and Metagenomics

February 16 and 17, 2013

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Computational Phylogenomics and Metagenomics

Courtesy of the Tree of Life project
Symposium talks

- Phylogeny/alignment estimation
- Phylogenomics
- Phylogenetic placement
- Metagenomics
- 1KP (Thousand Transcriptome Project)
NSF DEB 0733029

• Title: Large-Scale Simultaneous Multiple Alignment and Phylogeny Estimation

• Collaboration between
  – Texas (Pingali, Warnow, and Linder), lead institution
  – Kansas (Holder),
  – Nebraska (Moriyama),
  – Georgia (Leebens-Mack)
  – Subawards: Smithsonian (Braun), NJIT (Roshan), and Penn State University (Miller)

• Project webpage
  http://www.cs.utexas.edu/users/tandy/ATOL-MSA.html
Previous Workshops

• NESCENT 2011
• Smithsonian 2012

We will seek funding for another workshop for 2014.
Saturday Schedule

• 8:00-8:45 AM Breakfast in NHB 1.720 - pick up name tags!
• 9:00 - 12:00 Talks in ACES 2.302 (Avaya Auditorium)
• 12:15 -1:15 Lunch in NHB 1.720
• 1:15 - 3:00 Talks
• 3:00 - 3:30 Coffee Break
• 3:30 - 5:00 Talks
• 5:00 - 5:30 Discussion
Tutorials (Sunday)

- All tutorials in the Avaya Auditorium are open (SATé, Phylonet, BUCKy, and *BEAST). Other tutorials (held in ACES 2.402 and PAT 141-SA) are limited in number of seats.
- BAli-Phy is closed.
- If you are interested in attending the other tutorials and did not already register, please contact me by 1 PM today by email (tandy@cs.utexas.edu) to get on the waitlist.
- Today: Please download, install, and test the tutorial software. Some tutorials (e.g., SATé and SEPP) also have written tutorials that can be downloaded in advance.
- Breakfast on Sunday is at 7:30, and the tutorials start at 8:30. Please be in your seats a few minutes ahead of time, as the schedule is tight!
Logistics

• Laurie Alvarez (CCBB Senior Administrator), Nicole Elmber, Anna Akhtar, or Tandy Warnow for assistance. Email: tandy@cs.utexas.edu

• Please wear your name tag while at the conference

• NO FOOD OR DRINKS (other than water) allowed in the meeting rooms

• “Bio-breaks” as needed - take two right turns as you exit the auditorium.
• Schedule is tight - please be in your seat a few minutes ahead of the start time
Meeting Objectives

- Stimulate research into new methods
- Hands-on training in new methods
- Obtain feedback about new methods
- Develop collaborations between methods developers and biologists
Conference Support From

- NSF DEB-0733029 ($100K)

- The Center for Computational Biology and Bioinformatics (CCBB) at UT-Austin (Laurie Alvarez)