

iPlant 2010 Conference
Informal Poster and Demonstration Session & Dessert Station
Monday, May 24, 8:00 PM – 10:00 PM, Rm 319 Premier

POSTERS

Case Studies on NVIDIA Tesla GPU Using CUDA: Matrix Multiplication, Transpose and Solving Systems of Linear Equations with Gaussian Elimination

Presented by Ali Akoglu and Greg Streimer (U Arizona)

Community Input on iPlant Education, Outreach & Training Activities (interactive poster)

Presented by Ann Stapleton (UNC-Wilmington, iPlant EOT)

RAxML

Presented by Michael Gonzales (TACC, iPlant Grand Challenge Tree of Life Project)

NINJA/brandWindjammer: A Tool for Inferring Large-Scale Neighbor-Joining Phylogenies

Presented by Robert McLay (TACC, iPlant Grand Challenge Tree of Life Project)

Discovery Environment/UI Refresh

Presented by Sonya Lowry and Andy Muir (UA, iPlant Collaborative Core Software)

Insight From Discord: A Tree Reconciliation Prototype

Presented by Sheldon McKay, Andy Lenards (UA, iPlant Tree of Life Project) and iPToL Tree Reconciliation Working Group

DNA Subway: Fast Track to Gene Annotation and Genome Analysis

Presented by Uwe Hilgert (CSHL, iPlant EOT)

ELIXIR: Funding, Building and Maintaining a European Life Science Infrastructure

Presented by Mark Forster (Syngenta Corporation)

DEMONSTRATIONS

Integrated Rule-Oriented Data System: A Grid-based Cyberinfrastructure for Large-scale and Long-term Data Management

Presented by Reagan Moore (UNC-Chapel Hill)

The Botanical Information and Ecology Network: Collecting Online Records for Plant Species Abundances and Geographic Range at a Global Scale

Presented by Rick Condit (Smithsonian Trop. Res. Inst.), Robert Peet (UNC-Chapel Hill), and Brad Boyle (U Arizona)

Bisque and BQPhytomorph Demo and Poster

Presented by Kristian Kvilekvak and Dmitry Fedorov (UC Santa Barbara)

Phenom-Networks

Presented by Yaniv Semel (Phenom-Networks, Israel)

iPlant Discovery Environment

Presented Nicole Hopkins and Andy Lenards (iPlant Collaborative Core Software)

iPlant Atmosphere (Cloud Services) Demo and Poster

Presented by Edwin Skidmore and Cores Services Team (iPlant Collaborative)

Fast, Interactive Genomic Visualization with the Biofuel Genome Viewer

Presented by Brandon Smith (U Illinois)

My-Plant.org: iPlant's Social Networking Tool

Presented by Praveen Nuthulapati (TACC, iPlant Tree of Life Project)

TreeViz: iPlant's Tree Visualizer Tool

Presented by Adam Kubach (TACC, iPlant Tree of Life Project)

VisTrails: Data Exploration and Visualization

Presented by Greg Abram (TACC, iPlant Genotype to Phenotype Project)

CANCELLED

iPToL Data Assembly: Assemble Genome Wide Multiple Sequence Alignments for Big Tree Building

Poster by Sharon Wei et al. (CSHL, iPlant Tree of Life Project), presented by Jerry Lu (CSHL, iPlant Tree of Life Project)

MatLab Implementation of GLM for QTL Analysis

Presented by Liya Wang (CSHL, iPlant Genotype to Phenotype Project)