

“Sequencing, Finishing and Analysis in the Future (SFAF)”

La Fonda on the Plaza, Santa Fe, NM – May 27th-29th, 2009

Call for Abstracts (both talks and posters) Deadline March 18th, 2009

Please join us for the 4th annual “...in the Future” Meeting on Wednesday, May 27th through Friday, May 29th in beautiful, historic Santa Fe, New Mexico. The three day SFAF conference will focus on how the next generation sequencing data sets are shaping the field of Genomics in the areas of sequencing, assembly, finishing and analysis.

Keynote Speakers:

- **Eric Green**, Scientific Director of NHGRI, Chief of the Genome Technology Branch, & Director of the NISC
- **Evan Eichler**, Professor of Genome Sciences, Department of Genome Sciences, University of Washington
- **Owen White**, Professor, Epidemiology and Preventive Medicine, University of Maryland

Areas to be emphasized include, but are not limited to the following:

Genome Sequencing:

- New sequencing technologies (454, Solexa, SOLiD, Pacific Biosciences, etc.)
- Draft sequencing strategies (prokaryotes, eukaryotes, metagenomics, etc.)
- *De novo* sequencing, re-sequencing, RNA sequencing, metagenomics, etc.

Genome Assembly:

- Whole genome assemblers and integration of next generation data
- *De novo* assemblers for short reads
- New basecallers and standardization of qualities
- Metagenomic assemblies

Genome Finishing:

- Finishing systems and pipelines (automated, manual, etc.)
- Next generation finishing tools and technologies
- Quality standards for new technologies and mixed data sets
- Metagenomic finishing

Genome Analysis:

- Genome annotation tools and pipelines
- Genomic pathway identification tools and pipelines
- Comparative genomics, re-sequencing, SNPs, structural variation
- Metagenomic analysis



The conference is being sponsored and hosted by the DOE's Los Alamos National Laboratory and **no** registration fee is required. Participants need to cover travel costs, hotel and dinner charges. Breakfast, lunch and snacks will be provided. A block of rooms are reserved at the La Fonda at a special conference rate of \$99 per night. **A limited number of extra rooms are available before & after the conference for those of you that want to stay a little longer (contact Chris Detter for more details).**

Registration is limited to 120; please register soon if you plan to attend. **To register, submit an abstract, or obtain more information as it becomes available please visit our web site, <http://www.lanl.gov/finishinginthefuture/>. Registration will follow the same guidelines as in 2008.**

If you have any questions, or would like further information, please contact Chris Detter at (505)667-1326 or cdetter@lanl.gov.

We look forward to seeing you there!!!

The 2009 “Sequencing, Finishing and Analysis in the Future” Organizing Committee:



- * *Chris Detter, Ph.D., JGI- LANL Center Director, LANL*
- * *Johar Ali, Ph.D., Technology Development Team Leader, OICR*
- * *Ruby Archuleta, Genome Administrative Assistant, LANL*
- * *Patrick Chain, Finishing Coordinator / Group Leader, LLNL*
- * *Michael Fitzgerald, Finishing Manager, Broad Institute*
- * *Bob Fulton, M.S., Sequence Improvement Group Leader, WashU*
- * *Darren Grafham, Finishing Coordinator, Sanger Institute*
- * *Hoda Khouri, M.S., Staff Scientist, NCBI*
- * *Alla Lapidus, Ph.D., Finishing Coordinator / Group Leader, LBNL-JGI*

