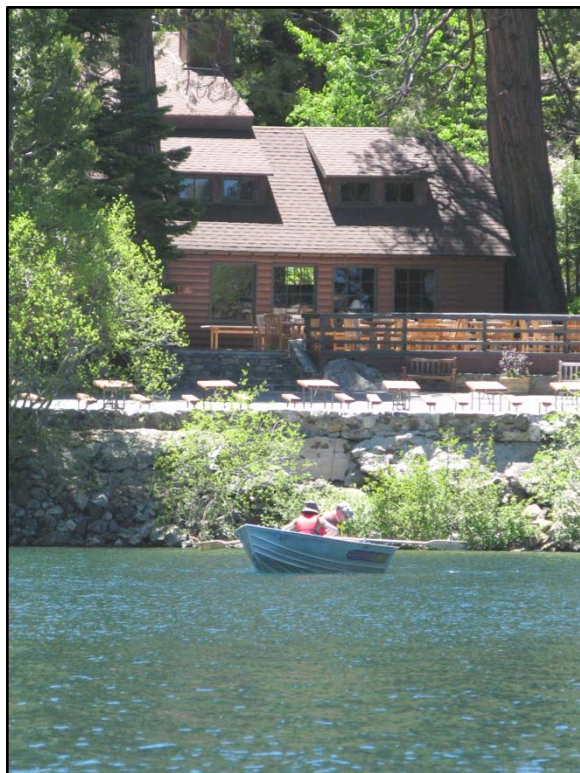


Twenty-second Conference on Crystal Growth and Epitaxy

Stanford Fallen Leaf Lake Lodge near Lake Tahoe, CA June 6th-9th, 2010



Abstract Deadline:

April 23, 2010

Papers in all areas of crystal growth and materials assembly welcome

AACG/WEST

American Association for Crystal Growth
Western Section

The 2010 AACGE/West meeting will continue its tradition of a highly interdisciplinary program that emphasizes an understanding of the fundamental nanoscale physics and chemistry that are central to the growth of crystals for a wide array of technologies.

Sessions include:

- Materials for Energy Applications
- Low Dimensional Materials (films, dots, wires)
- Biomineralization and Biomimetic Processes
- Stress Evolution in Vapor and Liquid Phase Growth

The beautiful Fallen Leaf Lake Lodge is an intimate venue with nearby hiking and boating. Communal dinners and single session format allow time for both formal and informal discussion.

Plenary speaker **Paul Alivisatos**

Director of Lawrence Berkeley National Laboratory

will discuss opportunities for new materials in energy research

Partial List of Speakers & Session Chairs

Delia Milliron	Nanoparticle Synthesis and Superlattice Assembly
Frances Ross	Nanowire Growth Mechanisms
Daniel Koleske	GaN Growth for Solid State Lighting
Joshua Snyder	Nanoporous Materials for Catalysis
Julia Greer	Nanopillar Mechanics
Jim De Yoreo	Biomineralization
David Kisailus	Biomimetic Assembly
Charles Knight	Ice Crystallization
Wendy Shaw	Protein-Mineral Interactions
John Harding	Simulations of Adsorption Processes
Eric Chason	Stress Evolution
Bob Cammarata	Thermodynamics of Stress Evolution
Andrew Detor	Modeling of Grain Coalescence

http://www.crystalgrowth.us/accg_west22/index.php

Abstract, Accommodations, and Registration Information

Abstracts due
April 23rd, 2010

Submit one page abstract including title and names and addresses of authors to the conference website.

- Papers in all areas of bulk and epitaxial crystal growth are welcome.
- Awards will be presented for best student papers.



Contacts:

Conference Chair:

Chris Orme
Lawrence Livermore National Lab
orme1@llnl.gov

Program Chairs:

Sean Hearne
Sandia National Lab
sjhearn@sandia.gov

Andrzej Wierzbicki
University of South Alabama
awierzbi@jaguar1.usouthal.edu

Local Arrangements and AACG/West President

Edith Bourret-Courchesne
Lawrence Berkeley National Lab
edbourret@lbl.gov

Conference Location & Facilities

The conference location is at the Stanford Sierra Camp at Fallen Leaf Lake in the Sierra Nevada Mountains near Lake Tahoe. Two and three bedroom condominium style units open onto private decks with views of Fallen Leaf Lake and the Sierra Nevada. Excellent meals are the tradition. Beer and wine are provided at social hours. Major airlines serve the Reno area and the conference site can be reached easily by major state highways. Approximate driving time from San Francisco is 4.5 hours and from Reno International Airport is 1.5 hours. Details on transportation and the camp can be found at the following URL:

<http://www.stanfordalumni.org/learningtravel/sierra/sierra-center/home.html>

Conference Schedule

Sunday, June 6:

- Afternoon: Check-in after 3:00 P.M.
- Evening: Technical Session

Monday, June 7, and Tuesday, June 8

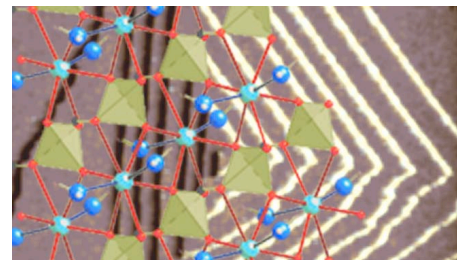
- Morning: Technical Session
- Afternoon: Free
- Evening: Technical Session

Wednesday, June 9

- Morning: Technical Session
- Afternoon: Checkout

Registration

To register, go to the conference website and create an account. Capacity is limited so register early to ensure a spot. Registration fees will be accepted by mail or paypal through May 17, 2010. Thereafter, fees increase by \$50. Fees include complete lodging, all meals, refreshments, and use of recreational facilities.



Registration, Meals & Lodging Fees

AACG Member:	\$850
Non-member*:	\$900
Student:	\$750

*Can be credited toward AACG dues

Lodging for Accompanying persons and/ or Children:

Adult:	\$425
Children: 4-12	\$185
<4	Free

Fees increase \$50 after May 17th

http://www.crystalgrowth.us/aacg_west22/index.php