

August 1st to 7th 2011

Climate Engineering – Second Transdisciplinary Summer School

Background and purpose

The risk of climate change grows with the accumulation of greenhouse gases. Risk can be reduced but not eliminated by reducing emissions; and, the world faces ever more difficulties in managing emissions. As a result, Climate Engineering is receiving increasing attention in academia and beyond.

About the summer School

The University of Calgary, Canada, the University of Heidelberg, Germany, and Carnegie Mellon University, USA, are jointly organizing an annual series of interdisciplinary summer schools on Climate Engineering. The summer schools bring together students and young scholars working on all aspects of climate engineering with some of the field's leaders. The second summer school is organized by the Energy and Environmental Systems Group of the University of Calgary from August 1st to 7th, 2011 at the Banff Center.

Structure of the 2011 School

This year's summer school will be organized around the development of structured research ideas among small groups of young researchers. We will limit the plenary sessions and formal lectures so as to provide more space for collaboration. The primary role of the faculty is guidance and facilitation. The twin objectives are to stimulate new researchable ideas and collaborative research projects and to enable vigorous discussion about the hard social choices around geoengineering.

Admission and application

We are welcoming applications from PhD students, post-doctoral fellows, and a few recently appointed faculty and researchers. The number of participants is limited to 50. To apply, please submit a short (about 1 page) letter including statement of interest, affiliation and field of work. We request a short letter of recommendation from applicants whose research is in the early stages. The summer school is free of charge. Costs of travel have to be covered by participants. Food and lodging at the Banff Center are free to participants. A limited number of travel scholarships will be granted to cover costs up to US \$1,000, request for travel support should accompany the application. The deadline for applications is May 1st 2011.

Venue

The Banff Centre is a globally respected arts, cultural, educational institution, and conference facility. In The Banff Centre's powerful mountain setting in the heart of Banff National Park, exceptional artists and leaders from around the world share skills and knowledge in an interdisciplinary environment; and explore ideas and develop solutions in the arts and leadership.

Organizing Committee

University of Calgary, David W. Keith and Juan Moreno-Cruz. Heidelberg University, Sebastian Harnisch. Carnegie Mellon University, Granger Morgan.

Faculty

TBD. For information on last year's program go to:
www.climate-engineering.uni-hd.de/events/mkss.html

Please submit applications to: Energy and Environmental Systems Specialization, Climate Engineering Summer School, ES602, Earth Sciences Bdg, 2500 University Drive NW, Calgary, Alberta, Canada, T2N1N4. jbmoreno@ucalgary.ca



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