
1. HYDRAULIC FRACTURING: FROM MODELING AND SIMULATION TO RECONSTRUCTION AND CHARACTERIZATION
Organization: Institute for Mathematics and its Applications (IMA)
Date and Location: May 11-14, 2015 at the University of Minnesota, Minneapolis, MN, USA
The past two decades have witnessed an enormous expansion of hydraulic fracturing (HF) in the subsurface as a tool to stimulate hydrocarbon reservoirs and, in particular, gas-rich shales formations. To date, however, concerns persist as to whether hydraulic fractures could breach the impermeable barriers that isolate aquifers from hydrocarbon-bearing formations, thus jeopardizing the supply of fresh groundwater, and whether they could induce significant seismic events. Questions are also mounting as to whether the engineering process has been designed to optimize the recovery of hydrocarbons and geothermal energy. The lack of simulation tools to realistically predict the geometry and hydraulic conductivity of the created fractures, and of effective techniques to characterize such fractures from in-situ measurements, is fueling these concerns.
The intent of this workshop is to initiate and foster the synergy between the HF group and the Inverse Problems (IP) group, with an emphasis on exposing the IP community to a new class of applications while highlighting the importance of system characterization among HF researchers.
For more information, please visit the website at http://www.ima.umn.edu/2014-2015/SW5.11-14.15/?event_id=SW5.11-14.15.

2. FROM STEM TO STEAM: GIRLS’ SCHOOLS LEADING THE WAY
Organization: National Coalition of Girl’s Schools (NCGS)
Date and Location: June 22-24, 2015 at St. Catherine’s School in Richmond, VA, USA.
The National Coalition of Girls’ Schools (NCGS) is a leading advocate for girls’ education with a distinct commitment to the transformative power of all-girls schools. Their wish is that every girl has access to education and the resources that she needs to develop into a competent and confident woman. The conference will provide educators with an innovative opportunity to engage in hands-on activities, participate in content-based discussions, share classroom materials, learn about web-based teaching resources, and exchange best practices for teaching girls. 2015 NCGS Conference will also serve as a forum for educators to further examine why so many girls choose not to pursue careers in STEM-related fields and, even more important, how we can empower girls to shift this paradigm to STEAM (Science, Technology, Engineering, Art and Design and Math).
For more information, please visit the website at http://www.ncgs.org/NewsAndEvents/AnnualConference/2015/default.aspx
3. **GOING GLOBAL 2015, CONNECTING CULTURES: FORGING FUTURES**

   Organization: British Council
   Date and Location: June 1-2, 2015 at the Queen Elizabeth II Conference Centre in Westminster, London, United Kingdom.

   The British Council creates international opportunities for the people of the UK and other countries, and builds trust between them worldwide. The Council works in over 100 countries providing programs and services in the English language, Arts, Education and Society.

   Going Global is an annual conference hosted by the British Council, offering an open forum for global leaders of international education to discuss issues facing the international education community. Going Global 2015 will explore the creative connections that are established through bringing together diverse cultures, people and ideas, and how these connections can act as major catalysts for innovation. Going Global 2015 will explore this through three perspectives:
   1. National, Regional and Local Cultures
   2. Academic Discipline and Subject Cultures
   3. Organizational Cultures

   For more information, please visit the website at http://www.britishcouncil.org/going-global

4. **3RD ANNUAL INTERNATIONAL CONFERENCE ON ECOLOGY, ECOSYSTEMS AND CLIMATE CHANGE**

   Organization: Athens Institute for Education and Research
   Date and Location: July 13-16, 2015 in Athens, Greece.

   The 3rd Annual International Conference on Ecology, Ecosystems and Climate Change is organized by Athens Institute for Education and Research (ATINER). ATINER is an independent association with a mission to become a forum where academics and researchers from all over the world could meet in Athens and exchange ideas on their research and discuss the future developments of their discipline.

   For more information, please visit the website at http://www.atiner.gr/ecology.htm.

5. **4TH INTERNATIONAL CONFERENCE AND EXHIBITION ON OCCUPATIONAL HEALTH & SAFETY: PUBLIC AWARENESS AND RESPONSIBILITIES REGARDING HEALTH & SAFETY ISSUES**

   Organization: OMICS International
   Date and Location: August 24-25, 2015 in Toronto, Canada.

   OMICS International was founded in 2007 and has a main aim of making information on sciences and technology ‘Open Access’. To accomplish his goal thus far, they have been hosting many worldwide international sciences conferences and events. Occupational safety and health (OSH) relates to safety health issues at work environment. Occupational health relates to all environmental diseases. It provides that employers maintain plants and systems that are reasonably and practicably safe; they ensure safe methods of handling, storing and transporting materials and also provide adequate induction, training and supervision in those methods. Interaction with members from around the world focused on learning about Occupational Health and Safety, this is the single best opportunity to reach the largest assemblage of participants from over the globe. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name
recognition at this 2-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Occupational Health and Safety are hallmarks of this conference.

6. 2015 INTERNATIONAL CONFERENCE ON LEADERSHIP AND MANAGEMENT (ICLM)
Organization: International Economics Development and Research Center (IEDRC)
Date and Location: September 24-25, 2015 in Rio de Janeiro, Brazil.
The IEDRC was founded in 2003 and plays an influential role and promotes developments in Economics Theory and Applications. The mission of IEDRC is to foster and conduct collaborative interdisciplinary research in state-of-the-art methodologies and technologies within its areas of expertise. ICLM 2015 aims to bring together researchers, scientists, engineers, and scholar students to exchange and share their experiences, new ideas, and research results about all aspects of Leadership and Management, and discuss the practical challenges encountered and the solutions adopted.
For more information, please visit the website at http://www.iclm.org/.

7. GENERATION STUDY ABROAD IIE SUMMIT: OPENING MINDS TO THE WORLD
Organization: Institute of International Education
Date and Location: October 1-2, 2015 in Washington, D.C., USA.
The Institute of International Education is a world leader in the exchange of people and ideas. For close to 100 years, they have led efforts to expand opportunities for Americans to study abroad, including their flagship program, The Fulbright Program, on behalf of the U.S. government. They believe that peace and prosperity in the 21st century depend on increasing the capacity of people to think and work on a global and intercultural basis. As technology opens borders, educational and professional exchanges open minds.
Generation Study Abroad seeks to address that shortfall by bringing employers, governments, associations, and others together to build on current best practices and find new ways to extend study abroad opportunities to tens of thousands of college students for whom traditional study abroad programs aren't working.
The Summit will feature high-level plenary debates, action-oriented sessions, think tanks and networking opportunities, as well as an engaging expo hall, to mobilize commitments and inspire new actions. It will be an exciting opportunity to engage and showcase commitment partners from all sectors, including U.S. and non-U.S. higher education institutions, the K-12 community, foreign language community, study abroad organizations, education associations, private sector corporations and foundations, and U.S. and foreign government partners.
Registration opens on March 1, 2015.
For more information, please visit the website at http://www.iie.org/Programs/Generation-Study-Abroad/Generation-Study-Abroad-Summit.