

SCOPE

The topics to be covered include but are not limited to:

ENV 2011 – Unconventional Oils and the Environment

- Air pollution control
- Air quality
- Bioenergy systems
- Biofiltration
- Biomonitoring
- Carbon footprint
- Carbon sequestration
- Clean energy
- Ecological restoration
- Environmental impact assessments
- Environmental microbiology
- Geomicrobiology
- Greenhouse gasses and climatic change
- Hydrocarbon biodegradation
- Impacts on human health
- Impacts on the forests
- Land management
- Land reclamation
- Microbial ecology
- Modeling and simulation
- Nanotechnology
- Remediation and restoration of oils spills in wetlands
- Remediation of contaminated soils
- Remote sensing
- Reservoir characterisation
- Rivers and freshwater aquifers
- Soil erosion
- Sustainable development
- Tailings ponds
- Unconventional fossil fuels
- Waste management
- Wastewater treatment technologies

ECON 2011 – Economics of Unconventional Oils

- Decision analysis
- Economic value of unconventional oil
- Economics of natural and environmental resources
- Employment and labour income
- Energy economics and policy
- Environmental economics
- Financing
- Forecasting
- Geostatistics
- Government revenues through royalties
- The value of risk
- Historical analysis and future projections
- Implementing controls
- Industrial economics
- Industrial organization
- Project management
- Putting water in the cost equation
- Quality control
- Real timelines and real costs
- Resource management
- Supply chain management
- Vulnerability and threat assessment

TECH 2011 – Unconventional Oil Technology

- Air injection and in-situ combustion
- Bio-fuels
- Bioremediation and bioprocessing
- Bitumen extraction and froth treatment
- Carbon capture, storage and sequestration
- Coal to liquids
- Coal-bed methane
- Drilling and well completion
- Energy conservation and non-thermal production
- Enhanced oil recovery (EOR)
- Extra heavy oils
- Flocculation and sedimentation
- Fluid flow in porous media
- Geological sequestration of greenhouse gases
- Heavy oil recovery
- Improved oil recovery (IOR)
- Hydrates, waxes and asphaltenes studies
- Interfacial science and phenomena
- Oil sands upgrading
- Petrophysics
- Reservoir engineering and characterization
- Reservoir modeling and simulation
- Reservoir rock mechanics
- Single- and two-phase flow
- Steam Assisted Gravity Drainage - SAGD
- Tertiary recovery
- Thermodynamics of heavy oils and rich reservoir fluids
- Toe-to-Heal Air Injection - THAI
- Vapor Assisted Petroleum Extraction - VAPEX
- Water quality management
- Well testing

SUBMISSION

Submit your paper via our website at:

ENV 2011 (www.iasted.org/conferences/submit-731.html)

ECON 2011 (www.iasted.org/conferences/submit-732.html)

TECH 2011 (www.iasted.org/conferences/submit-733.html)

All submissions must be in Adobe Acrobat (.PDF) format. The IASTED Secretariat must receive your paper by **March 15, 2011**.

IMPORTANT DEADLINES

Submissions due	March 15, 2011
Notification of acceptance	April 15, 2011
Final manuscripts due	May 1, 2011
Registration and full payment	May 15, 2011

For more information, or to be placed on our mailing list, please contact:

IASTED Secretariat

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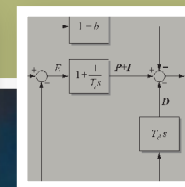
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The International Association
of Science and Technology
for Development

Call for Papers

The IASTED International Conferences on Unconventional Oil



Calgary, Alberta, Canada
July 4 – 6, 2011

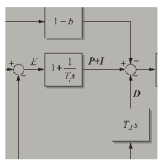
CONFERENCES



Unconventional Oils and the Environment (ENV 2011)



Economics of Unconventional Oils (ECON 2011)



Unconventional Oil Technology (TECH 2011)

LOCATION

Calgary is an attractive and dynamic city situated on the banks of the Bow River and located on the doorstep of Alberta's majestic Rocky Mountains. It is also home to the Calgary Stampede, undoubtedly Calgary's best-known visitor attraction, which features a large parade and world-class rodeo that draws more than a million people each year. Furthermore, the host city of the 1988 Winter Olympic Games takes pride in its sporting legacy. Canada Olympic Park is a multi-purpose athletic facility designed for skiing, snowboarding, bobsleigh and luge during the winter and mountain biking during the summer. The Pengrowth Saddledome is home to the NHL's Calgary Flames as well as being the venue for countless events and concerts throughout the year. Other attractions, including the Glenbow Museum, the Calgary Tower and Eau Claire Market, are great places to visit year-round.



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TECHNICAL CO-SPONSOR

The Oil Sands Developers Group

CONFERENCE CHAIRS

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Prof. Gordon R. Moore – University of Calgary, Canada

SPEAKERS

Don Thompson, M.Sc. – The Oil Sands Developers Group

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INTERNATIONAL PROGRAM COMMITTEE

Available at:

ENV 2011 (<http://www.iasted.org/conferences/cfp-731.html>)

ECON 2011 (<http://www.iasted.org/conferences/cfp-732.html>)

TECH 2011 (<http://www.iasted.org/conferences/cfp-733.html>)



PURPOSE

The IASTED International Conferences on Unconventional Oils (ENV 2011, ECON 2011, TECH 2011) will be a major forum for international researchers, scientists, engineers and practitioners interested in all areas of unconventional oils, including oil and tar sands, oil shales, heavy oils, and other hydrocarbons that do not flow. The story of unconventional oil is one of continuous scientific and technological advancement. Companies, universities, and governments have invested billions of dollars developing, exploring, and implementing new technologies and processes in their unconventional oil operations. The push to innovation is required to assure that the recovery of energy from unconventional sources is efficient and, at the same time, minimizes the impact on the environment. Current technologies allow for the production of less than half of the reserves of unconventional resources that are known to exist. New technologies, safer for the environment and economically sound, are needed to tap into the reserves that are untouchable today. These conferences will be an opportunity to present and observe the latest research, results, and ideas in these areas.

