



First Call for Papers
International Symposium on Micro and Nano Technology
18-20, May 2015, University of Calgary, Calgary, Canada



Brief History:

International Symposium on Micro and Nano Technology (ISMNT) are a series of meetings sponsored by the Pacific Center of Thermal-Fluids Engineering (PCTFE) and started in 2004. The previous ISMNT meetings were held in: 2004 in Honolulu, 2006 in Hsinchuand 2009 in Seoul and 2013 Shanghai. The ISMNT-4 was co-sponsored by the PCTFE and Heat and Mass Transfer Society of China.

The ISMNT-5 is co-sponsored by the PCTFE and the Schulich School of Engineering, University of Calgary, Canada. The meeting will be host by the University of Calgary in 18-20 May 2015.

Calgary is a city in the province of Alberta, Canada. It is situated at the confluence of the Bow River and the Elbow River in the south of the province, in an area of foothills and prairie, approximately 80 km (50 mi) east of the front ranges of t he Canadian Rockies. City of Calgary had a population of over 1.4 million, making it the largest city in Alberta, and the third-largest municipality and fifth-largest census metropolitan area (CMA) in Canada. Calgary sits at an elevation of 1048 m above sea level.

Calgary #2 (against 201 Canadian cities) - Canada's Best Places to Live 2014 - Overall Ranking

Calgary #1 (against 15 large Canadian cities) - Canada's Best Places to Live 2014 - Top Large Cities
Calgary #1 (against Canadian cities) - Canada's Best Places to Live 2014 - 10 Best Places to Raise Kids.
Calgary # 2 (against 24 global cities) -
Overall ranking.

The economy of Calgary includes activity in the energy, financial services, film and television, transportation and logistics, technology, manufacturing, aerospace, health and wellness, retail, and tourism sectors. The Calgary CMA is home to the second-most corporate head offices in Canada among the country's 800 largest corporations. Calgary is located east of Banff national park (about 120 km).



In 1988, Calgary hosted the Olympic Winter Games.

Objective:

This symposium will bring together international researchers and engineers focusing on micro and nanoscale technology in energy conversion and transport in a variety of applications. It will provide a forum for the presentation of state-of-the-art researches and opportunities for technical interactions among participants. Together with information technology and biotechnology, micro/nanoscale technology forms one of the three axes of innovative technologies. These technologies are important because they have the potential to bring about a discontinuous innovation in technology which results in fundamental changes in our social infrastructure and life style.

We look forward to a productively and intellectually rewarding ISMNT-5 and wish that you will leave Calgary with new insights, ideas and friends.

Contact information:

Chair ISMNT-05: A.A. Mohamad, SSE, Univ. of Calgary, Canada,
Email: mohamad@ucalgary.ca

Co-Chair ISMNT-05, T. Ohara, Inst. Fluid Science, Tohoku Univ., Japan

Co-Chair ISMNT-05, X. Zhang, Tsinghua University, China

Chair of PCTFE S. Mochizuki S, Tokyo University of A&T, Japan,

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Important Dates

One page abstract due 30 Oct. 2014.

Submit electronically to ismnt5ca@gmail.com

Notice of acceptance due date: 1 Dec. 2014

Full paper submission: 30 Jan. 2015

Final paper acceptance: 1 Mar. 2015

Sponsors:

Schulich School of Engineering

Pacific Center of Thermal-Fluids Engineering