



ICROGEN

The 3rd International Conference on
Microgeneration and Related Technologies
Naples, 15-17 April 2013

The 1st edition was successfully hosted in 2008 by the National Resources Canada in **Ottawa**. It was the first forum for presenting the latest research, development, and experimental results in the dynamic field of small cogeneration technologies. Speakers from around the world presented technical and policy analyses, deployment strategies, comparative assessments and studies of sustainability and societal and environmental impacts. The conference attracted delegates from different countries. Academic papers were presented, together with SuperGen papers focusing on the possible impact of high levels of micro-generation within the power supply infrastructure, in a prospect of a highly distributed energy system. It was also an opportunity for industry to exchange ideas and expertise on microgeneration systems.

The 2nd edition was very successfully hosted in 2011 by the University of Strathclyde in **Glasgow**. The conference attracted over 120 delegates from 16 countries. The conference featured a dedicated Industry Day: an opportunity for those involved with the microcogeneration market to relate their experiences and to interact with the worldwide microgeneration community. The industry day featured 15 speakers from industry, government and associations, including: Yanmar Energy Systems, The Energy Savings Trust, The Ground Source Heat Pump Association, Senertec/Baxi, E.ON and Toshiba Corporation.

Naples will host the 3rd edition of the conference. It is a beautiful city of southern Italy, with a worldwide reputation for its scenic landscapes, internationally famous art and architecture, due to its long and rich history of almost three thousand years, and irresistible food. Naples will also host the 2013 Universal Forum of Cultures: a key event, in the course of which cultures and citizens from around the world will meet and engage in dialogue in an atmosphere of openness and creativity. The Forum develops around thematic areas among which a central theme is the Sustainable Development.

The conference theme *is promoting the transition to high efficiency distributed energy systems*, focusing on the diffusion of low carbon microgeneration technologies for residential and small commercial applications, with a special attention on building integration and grid interconnection.

Microcogeneration, micropolygeneration (combined cooling, heating and power generation) and hybrid systems (both fossil and renewable fuelled) will be covered. Contributions on related microtechnologies, such as wind, PV-T, solar thermal, biomass and heat pumps (thermally, mechanically or electrically activated) are welcome. The conference is multi-disciplinary and is an opportunity for the different stakeholders (researchers, students, professionals, manufacturer, etc.) working in the field to meet and exchange knowledge at a time of rapid technological developments and changes to energy supply and demand.

Papers are welcome in the following themes:

- Developments in microgeneration and related technologies
- Practical experiences with microgeneration
- Modelling and experimental analysis of microgeneration systems
- Integration and control of microgeneration, energy storage and demand side management technologies
- Market & Policy for microgeneration
- Impact of microgeneration (e.g. on the grid, on district heating/cooling systems, social impact, environmental sustainability, etc.)

A full afternoon of the conference will be **industry**-focused featuring contributions from industry experts and highlighting commercial perspectives on the future development of the technology in this emergent field.

Key dates for submissions and registration are:

2012

- 30 September dead line for submission of abstracts
- 15 October abstract acceptance
- 30 November papers due
- 30 December notification to authors

2013

- 15 January final papers due
- 01 February deadline for early registration
- 15-17 April MICROGEN III conference

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