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**13th INTERNATIONAL CONFERENCE
MULTIPHASE FLOW IN INDUSTRIAL PLANT
Sestri Levante (Genova), Italy
September 17-18-19, 2014**



**ITALIAN ASSOCIATION OF INDUSTRIAL
PLANT ENGINEERING**



**ANIMP MULTIPHASE FLOW
ENGINEERING SECTION**



**ITALIAN ASSOCIATION OF
CHEMICAL ENGINEERING**



UNIVERSITÀ DEGLI STUDI
DI GENOVA

**UNIVERSITY OF GENOVA
POLYTECHNIC SCHOOL**

CONFERENCE SUBJECT

Multiphase flow phenomena are frequently encountered in industrial plants in the traditional fields of the chemical, nuclear and oil industry as well as in other activities such as food and material handling. Multiphase flow encompasses a number of subjects, from nearly homogeneous flow, as developed in long transport lines of gas-liquid-solid mixtures or in short in-plant circuits, to completely separated flows, as in the case of nuclear or gas fluidised reactors. The scientific background of multiphase flow technology is composite and includes fluid mechanics, transport phenomena, equipment design and other fundamentals, such as surface thermodynamics and aerosols.

The “13th Conference on Multiphase Flows”, organised by the Multiphase Flow Engineering Section of ANIMP (Italian Association of Industrial Plant Engineering) together with AIDIC (Italian Association of Chemical Engineering) and the Polytechnic School of the University of Genova, wishes to be a forum of discussion of the industrial applications of multiphase flow technology for researchers and engineers working in different scientific and industrial sectors.

Typical areas of interest of the Conference are:

- *Generation of multiphase flows*
- *Dynamics of multiphase systems in industry*
- *Multiphase mass transfer operations and multiphase chemical reactors*
- *Pneumatic conveying plants, transport and pumping systems, process equipment*
- *HSE multiphase flows: Emergency, Loss Prevention and Pipeline Integrity Management*
- *Hazardous material handling and contaminated site remediation*
- *Mixing and separation systems*
- *Measurement, control and simulation of flow parameters*

The fallout of the Conference is focused on:

- Oil & Gas Industry
- Nuclear components and sub-systems
- Chemical and petrochemical industry

- Renewable energy operators
- Pharmaceutical industry
- Food and nutraceutical industry.

PROGRAMME

The technical programme will accommodate presentations of scientific papers as well as case histories, experiences and advanced engineering applications. Scientific contributions are expected to include experimental work or development of original mathematical modelling.

Authors interested in submitting a paper are invited to send an abstract of about 200 words in English to the Organizing Committee (e-mail: mfip2014@unige.it ; fax: +39 0103532586) before **December 15, 2013**.

- ✓ Abstract acceptance, together with instructions for the preparation of the final paper, will be notified by **January 31, 2014**.
- ✓ Final full-length manuscripts, not exceeding 12 pages (including text, references and figures), will have to be submitted within **April 30, 2014**.
- ✓ Comments returned to authors by **May 31, 2014**.
- ✓ Paper acceptance will be notified by **June 30, 2014**.

Selection criteria will be based on the pertinence of papers to the themes of multiphase flow technology, as well as on the originality and technical and scientific importance of the contributions. Accepted papers will be published in the Conference Proceedings, that will be distributed to participants. Authors have the option to present their contribution as oral presentation or poster. English will be the official language of the Conference.

Authors and people wishing to attend the Conference are recommended to observe the deadlines strictly and send the application form for preliminary registration in due time.

The final programme will be issued by the end of **June 2014**

VENUE OF THE CONFERENCE

The Conference will be held at the Centro Congressi in Sestri Levante (Genova), Italy, from the 17th to the 19th of September 2014. Sestri Levante is strategically positioned in the Tigullio Gulf overlooking the Ligurian Sea: from there world-wide known tourist attractions such as the “Cinque Terre” or “Portofino” are just a short train ride away. Sestri Levante can be easily reached by car (exit Sestri Levante on the A12 motorway) or by train (Sestri Levante station on the Pisa-Genova-Milan railway line, timetable available from www.trenitalia.com).

INTERNET INFORMATION AND CONFERENCE REGISTRATION

Further information about conference fee, registration and accommodation will be available on the INTERNET and in the final programme. The website of the conference is: www.animp.it/mfip2014/index.html

SCIENTIFIC COMMITTEE

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IMPORTANT DEADLINES

December 15, 2013, Abstract submission
January 31, 2014, Abstract acceptance notification
April 30, 2014 Full-length manuscript submission
May 31, 2014, Comments returned to authors
June 30, 2014, Paper acceptance notification
September 17-18-19, 2014, Conference date