

Scientific Committee

Scientific Committee

Hervé Andrieu (LCPC, Paris, France)
Jerzy Baldyga (Warsaw University of Technology, Poland)
Henri Berthiaux (ENSTIMAC, Albi, France)
Tor Bjornstad (IFE, Kjeller, Norway)
Dmitri Bugai (Institute of Geological Sciences, Kiev, Ukraine)
Hector Constant (University of Caracas, Venezuela)
Milorad Dudukovic (Washington University, Saint Louis, USA)
Jean-Paul Gaudet (LTHE, Université Joseph Fourier, Grenoble, France)
Jose Griffith (ICINAZ, Havana, Cuba)
Dries Hills (NECSA, Pretoria, South Africa)
Joon Ha Jin (IAEA, Vienna, Austria)
Zvonimir Kolar (University of Technology, Delft, The Netherlands)
Faïçal Larachi (Université de Laval, Québec, Canada)
Jean-Pierre Leclerc (CNRS-LSGC-INPL-ENSIC, Nancy, France)
Jack Legrand (GEPEA, Nantes, France)
Alain Line (INSA Toulouse, France)
Harish Jagat Pant (BARC, Mumbai, India)
Pascal Pitiot (Rhodia, Centre de Recherches et de Technologies de Lyon, France)
Jean-Michel Rosant (Ecole Centrale de Nantes, France)
Michel Sardin (CNRS-LSGC-INPL-ENSIC, Nancy, France)
Daniel Schweich (CNRS, CPE-Lyon, France)
Jean-Marc Schweitzer (IFP, Solaize, France)
Torben Sevel (Force Institute, Denmark)
Zdzislaw Stegowski (AGH University of Science and Technology, Krakow, Poland)
Jovan Thereska (consultant, Vienna, Austria)
Jiry Thyn (University of Praha, Czech Republic)
Olivier Tillement (Université Lyon-1, France)
Christelle de Traversay (Générale des Eaux, France)
Jiyuan Tu (RMIT University, Melbourne, Australia)
Peixin Zhang (CIAE, Beijing, China)

Local organizing committee

Dominique Baguet, Philippe Berne, Jean-Pierre Leclerc, Jacques Pocachard, Stéphanie Szenknect, François Tardif



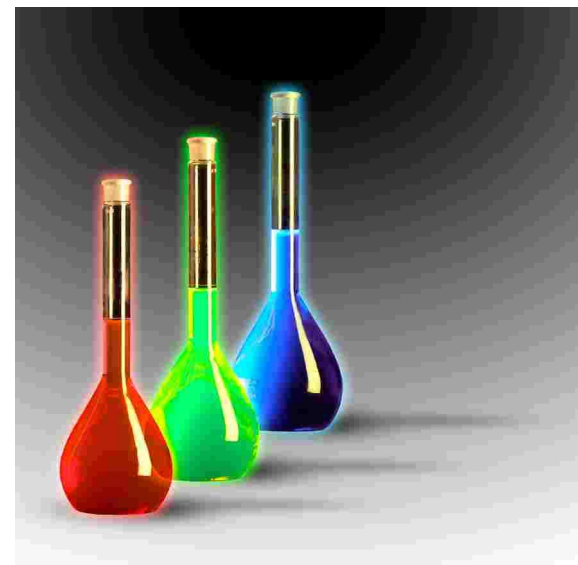
3-5 October 2006

New deadline
for abstracts
28/02

TRACER 4

Fourth International Conference On Tracers and Tracing Methods

Autrans/Grenoble
France



Second announcement - Call for papers

Web page: <http://www.ensic.inpl-nancy.fr/LSGC>

Scientific Objectives

The Fourth International Conference on "Tracers and Tracing Methods (Tracer 4)" will be organized in Grenoble (France) after the ones held in Nancy (France, 1998 and 2001) and in Ciechocinek (Poland, 2004). The primary objective of the "Tracer" conferences remains to present the current status and trends on tracing methods and their applications. It will give the opportunity to attendees from different fields to exchange scientific information and knowledge about tracer methodology and applications.

The target participants are researchers, engineers and technologists in various industrial and research areas: chemical engineering and chemistry; the environment: air and water quality, pollutant transport in soils, aquifers, rivers and the atmosphere; bio-engineering and food engineering, civil engineering, metallurgy, petroleum industry etc.

A large portion of the conference will be devoted to new advances in specific domains: mixing and separation, inverse problems (deriving local information from global measurements), study of physical and chemical interactions through tracer experiments, use of tracer in non-boundary systems, biological applications, characterization of materials, nano- and micro-tracers (tracers manufactured using nanotechnologies) etc.

Both fundamental and industrial aspects are planned to be covered as follows:

A • Fundamental development

- Tomography, tracer camera visualization and particles tracking
- Validation of Computational Fluid Dynamics simulations by tracer experiments
- New tracers and detectors or improvement and development of existing tracing methods
- Data treatment and modeling
- Interaction between different phases using reactive tracer experiments
- Numerical Residence Time Distribution
- Macro and micro-mixing
- Nano and micro-tracers and tracing in micro-systems

B • Applications

- High precision measurements using tracer experiments
- Hydrogeology and soils
- Petroleum and oilfields
- Geothermal applications
- Atmospheric dispersion
- Chemical engineering
- Civil, mineral engineering and metallurgy engineering
- Environmental engineering
- Food engineering
- Biological applications

Program

The program will include plenary lectures, oral communications and poster sessions. The official language is English.

Call for special session

Proposal for demonstration of software or presentation of tracer equipment should be submitted to the conference secretary before **January 31st, 2006**.

Communications • Posters

- Abstracts (1 page including text and figures, A4 size, "Times 12") should be submitted to the conference secretary by mail (electronic or postal) before **February 28th, 2006**
- Notification of acceptance based on the abstracts: **March 31st, 2006**
- Full paper submission: **June 15th, 2006**

The proceedings will be delivered to participants on registration.

Registration fees include: accommodation, meals, conference fees, banquet and proceedings.

- Normal fee: **670 €**
- Students: **420 €**

Venue

The conference will be held in Autrans, a mountain village (altitude 1000 m), 35 km from the city of Grenoble—Web site: <http://www.ot-autrans.fr>

Organisation

Commissariat à l'Énergie Atomique

In cooperation with:

International Atomic Energy Agency

Laboratoire Des Sciences du Génie Chimique, Nancy

Secretary

Mrs Dominique BAGUET (CEA-Grenoble, France)

LITEN/SAT - CEA/Grenoble

17 rue des Martyrs - 38054 Grenoble Cedex 9 - France

Tel. (33) 4.38.78.48.28 Fax (33) 4.38.78.51.34

E-mail: dominique.baguet@cea.fr

Scientific Coordination

Mr Philippe BERNE (CEA-Grenoble, France)

LITEN/SAT - CEA/Grenoble

17 rue des Martyrs - 38054 Grenoble Cedex 9 - France

Tel. (33) 4.38.78.35.39 Fax (33) 4.38.78.51.34

E-mail: philippe.berne@cea.fr

