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Call for Sponsorship

We welcome sponsorship from industries, businesses, organizations, associations, regulators, schools and international bodies that wish to showcase products and services. We have put together a number of different packages to provide a level of participation that meets every need. We are open to other suggestions from sponsors as well. For more information visit the workshop website.

Sponsor

IFAC Technical Committee on Modelling and Control of Environmental Systems (TC8.3)

Co-Sponsors

- IFAC Technical Committee on Control for Smart Cities (TC9.3)
- Department of Mechanical and Industrial Engineering, University of Brescia (IT)
- Environmental Sustainability Lab, University of Brescia (IT)
- The International Environmental Modelling & Software Society - iEMSS



1st IFAC Workshop on

Integrated Assessment Modelling for
Environmental Systems

IAMES2018

<https://iames2018.unibs.it/>



First Announcement
and call for papers

10 – 11 May 2018
Brescia, Italy

Workshop Objectives

Integrated Assessment Modeling (IAM) is a scientific approach aimed at appraising environmental policies. It is a participative and iterative process in which scientists from different disciplines, policy makers and other stakeholders work together to merge knowledge from multiple domains (engineering, chemistry, physics, social and life sciences, economics, ...) into a single framework, generating structured information useful for policy making. For this reason IAM represents a route inversion with respect to a more traditional approach of science which largely progressed by isolating and studying single domains.

IAM, using a holistic approach, integrates models, databases and tools to assess and, consequently, control the behaviors and the interconnections among environmental, economic and social systems.

Interlinked models of such complex systems are a fertile source of questions for researchers working in the fields of dynamical systems theory and control theory. Some of these questions are classical, such as: what to measure and how to implement decisions in a chain of dynamical models; but others are very peculiar to IAM:

- What is the correct level of integration to effectively support decision-making?
- How can we integrate different sub-models in order to make them transparent to the users, to preserve their testability, and to gain the necessary user confidence?
- How can we effectively convey to the users the notion of model uncertainty?

The workshop aims at addressing some of these challenging questions and will serve as an international forum for interaction among scientists and decision makers who are interested in defining, testing, and promoting models and methods to support policies for climate change, water resources management, air quality, agriculture, and any other activity that has an impact on human life or the environment itself.

Topics

The workshop topics include Integrated Assessment Modelling methods, approaches and applications for environmental systems, i.e. air (at the global, regional and local scale), climate change, land (forests, biomasses, etc.) and water resource systems (surface and ground waters, marine and coastal waters).

Paper Submission

Full draft papers (max. 8 pages in word and pdf format complying with IFAC guidelines) relating to one or more of the topics are encouraged. Draft papers on-line submission deadline is January 15, 2018.

All contributions must be in their final form according to IFAC style. Please refer to <http://www.ifac-control.org/events/information-for-ifac-authors>.

webpage (<http://www.elsevier.com/journal-authors/author-rights-and-responsibilities>), and the authors will abide by the IFAC publication ethics guidelines (<http://www.ifac-control.org/events/organizers/guide/PublicationEthicsGuidelines.pdf/view>). Accepted papers that have been presented at an IFAC meeting will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect (<http://www.sciencedirect.com>).

Registration

- Early registration fee (by February 20) 200€
- Standard registration fee 250€
- Late registration fee (later April 10) 300€
- Student early, standard and late fee 150€

Regular registration fees include admission to the workshop, coffees and social dinner. Student fee does not include social dinner.

Key Dates

Submission of full draft papers	January 15, 2018
Notification of acceptance	February 15, 2018
Submission of full papers	March 21, 2018
Dates of workshop	May 10–11, 2018

Venue

University of Brescia, Engineering School
Department of Mechanical and Industrial Engineering
Via Branze, 38
25123 Brescia - Italy

Accommodation

Accommodation is not included in the workshop registration fee.

Some hotels, located within a reasonable distance from the workshop venue, will offer reduced rates. Please, access IAMES2018.unibs.it for additional information.

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