



International Conference on Bond Graph Modeling And Simulation
January 23-27, 2005 ? Wyndham Hotel at Canal Place ? New Orleans, LA, U.S.A.

ANNOUNCEMENT AND CALL FOR PAPERS

The Society for Computer Simulation International (SCS) presents:

2005 INTERNATIONAL CONFERENCE ON BOND GRAPH MODELING AND SIMULATION
January 23-27, 2005 at the Wyndham Hotel at Canal Place
New Orleans, Louisiana, U.S.A.

Part of the 2005 SCS Western Multiconference on Computer Simulation

The 2005 International Conference on Bond Graph Modeling and Simulation brings together research paper presentations, panel sessions, tutorials, workshops, seminars, industrial applications, and software demonstrations that use Bond Graph modeling methods. There will be also featured plenary speakers and some special invited presentations.

This conference will focus on Bond Graph modeling techniques for dynamic systems. Theoretical principles for electrical, mechanical, hydraulic, pneumatic, and control system applications will be presented. Leading industrial users of the method in automotive, aircraft, fluid power, kinematics, multibody systems, and social and biological systems have been invited. Research papers are welcome in the following categories of presentation.

SESSIONS

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|-----------------------------------|---------------------------------|
| . Tutorials | Mechanical Systems and Robotics |
| . Panel Discussions | Electrical and Power Systems |
| . Software and Tools | Control Systems |
| . Bond Graph Theory | Thermal and Chemical Systems |
| . Advanced Bond Graph Methodology | Biomechanics and Prosthetics |
| . Bond Graphs and Block Diagrams | Ecological Systems |
| . Computer Graphics and | Biological and Medical Systems |
| Bond Graph Modeling | Social and Economic Systems |
| . Qualitative Modeling | Industrial Applications |
| . Mechatronics Systems | Large, Nonlinear Models |

DEADLINES:

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|---------------------|---|
| . May 1, 2004 | Short Abstracts due (two copies). |
| . May 15, 2004 | Notification of abstract acceptance to authors. |
| . July 1, 2004 | Full papers due for review (five copies). |
| . September 1, 2004 | Notification of paper acceptance to authors. |
| . October 1, 2004 | Camera Ready Copies due. |

Abstracts and full papers can be submitted alternatively to the General Chair or the Program Chair. In addition to regular papers about 12 pages (double spaced), the program committee may accept additional papers, either as short papers (about 6 pages double-spaced), or proposals for tutorials. Please add a cover letter stating your name, affiliation, mail address, telephone number, FAX number, and e-mail address. The short abstracts will be reviewed by the two Chairs for general suitability to the conference. Three members of the International Program Committee will review each full paper.

GENERAL CHAIR

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