

Theme

Fostering knowledge and data sharing to increase the understanding of the context and root cause of human behaviors and to aid in forecasting of plausible future states.

Welcome Statement

Computational Social Sciences has become an increasingly active area of research due to the critical knowledge gap in understanding different socio-cultural populations. HB-CMI 2009 is the inaugural conference for ORNL's Human Behavior IOC, with the objective to foster greater exchange between HSCB researchers and practitioners.

Synopsis

The Human Behavior-Computational Modeling and Interoperability (HB-CMI 2009) conference is a unique opportunity for research scientists to present their work to an interdisciplinary community at Oak Ridge National Laboratory, one of the nation's leading national laboratories. HB-CMI includes basic and applied research on computational models and computational-based theories of human behavior and human systems interoperability and integration solutions. Human, Social, Cultural and Behavioral (HSCB) scientists, engineers, application users and technical communities are invited to meet and share new research, technologies, and applications with the academic, military and government community.



General Chairs

Tracy Warren
Bob Schlicher
Oak Ridge National Laboratory

Technical Chair

Dr. Alenka Brown
National Defense University

Sponsors



Contacts

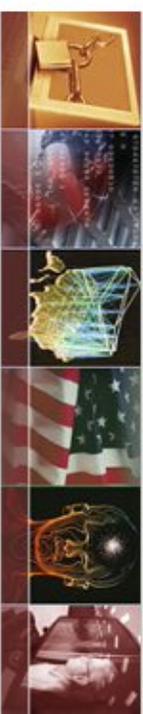
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OAK RIDGE NATIONAL LABORATORY

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Call for Papers HB-CMI-09



Human Behavior-Computational Modeling and Interoperability Conference 2009

June 23-24

Oak Ridge National Laboratory
Oak Ridge, TN at the Joint Institute for
Computational Sciences
(Building 5100)

HomePage:

<http://www.csiiir.ornl.gov/HBIOC>



Areas Of Interest

Areas of interest for submissions include, but are not limited to, current research and development at all maturity levels in the following (in no particular order):

- I. Human Behavioral Models
 - Computational Socio-Cultural and Cognitive/Affective Modeling
 - Social Networks
 - Agent-based models (ABM) and Multi-Agent Systems (MAS)
 - Massive Multiplayer, Interactive, Realistic, 3D Engagement Games
 - Immersive Models
- II. Human Systems Interoperability
- III. Modeling Architecture, Knowledge Representation Systems and Integration
- IV. Behavioral Training and Performance Assessment
- V. Human System Integration
- VI. Open Topics for Relevant Papers

Submission Requirements

Participants are invited to electronically submit original, unpublished research contributions. All submissions must be written in English. They will be refereed for quality, originality, and relevance by the program committee. Submissions may be submitted online at

<http://www.easychair.org/conferences?conf=hbcmi2009>.

Abstracts must follow requirements established by IEEE and include title and authors (first name, surname), indicating the presenter by underlining his/her name, and providing author's contact details: affiliations, department, full address (street, city, state/province, and country), telephone, fax and Email.



Submission Format

Papers

Paper Sessions are presentations done lecture-style, with 20-25 minutes for the presentation and approximately 5 minutes for questions. Presentations are displayed through electronic slides (e.g., PowerPoint). Participants are invited to electronically submit abstracts that are 300-500 words long for consideration. Authors of accepted abstracts will be invited to submit full papers up to eight pages long in standard IEEE double column format. Accepted papers are published in the Proceedings. Papers not accepted as full papers will be considered for poster presentations.

Posters

The Poster Session involves a period of multiple, simultaneous presentations intended to provide an opportunity for continuous interaction with workshop attendees. The Poster Session features supporting material in static poster board displays and live demonstrations of state-of-the-art applications in modeling, simulation, and training. Poster and demo submissions are limited to a 300-500 word abstract describing the research to be presented or the technology or application to be demonstrated. Accepted abstracts are published in the Proceedings.

Consideration for Panel

Participant groups seeking to present research and/or engaging in discussion on different aspects of a common topic that is of interest to the HSCB community are encouraged to request consideration for a panel discussion. Panel discussions are 60-90 minutes long, with several speakers presenting research and/or engaging in discussions. These are not merely collections of presentations. There should be a set of common questions/issues addressed by all participants. A 2-page abstract should provide a title for the session, identify the chair, list the participants names and affiliations, provide a justification for why the session topic is timely and of interest, include a brief statement (approximately 250 words) from each participant summarizing the main points they will make during the session, and identify the common questions/issues each participant will address. Abstracts for selected symposia/panel discussions will be published in the Proceedings.

Key Note Speakers

CDR Dylan Schmorrow, MSc, USN, Ph.D.

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Kathleen M. Carley, Ph.D.

Director, Center for Computational Analysis of Social and Organizational Systems (CASOS)
Institute for Software Research
Carnegie Mellon University

Alenka Brown, Ph.D.

Sr. Research Fellow
National Defense University

Layne Kalbfleisch, Ph.D.

Director, MRI Safety and Operations
George Mason University

Key Dates

- April 15: All Submissions Due
- May 8: Author Notification
- May 15: Final Electronic Draft Due
- June 3: Foreign National Registration Deadline
- June 15: Presentations Due
- June 23: HB-CMI 2009 Opens

Registration

There will be a \$99 registration fee to partially cover the costs including snacks, refreshments, breakfasts, and lunches. The registration for students is \$25.

