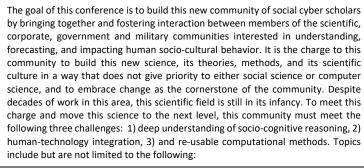# SBP-BRiMS 2022

15th International Conference on Social Computing, Behavioral Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation
September 20-23, 2022
Held Virtually

Conference Chairs: **Kathleen M. Carley,** Carnegie Mellon University**; Nitin Agarwal**, University of Arkansas Little Rock
Program Chairs: **Robert Thomson & Aryn Pyke**, United States Military Academy; **Christopher L Dancy,** Penn State University
Graduate Consortium: **Fred Morstatter**, University of Southern California; **Kenny Joseph**, University of Buffalo

The goal of this conference is to build this new community of social cyber scholars by bringing together and fostering interaction between members of the scientific, corporate, government and military communities interested in understanding, forecasting, and impacting human socio-cultural behavior. It is the charge to this community to build this new science, its theories, methods, and its scientific culture in a way that does not give priority to either social science or computer science, and to embrace change as the cornerstone of the community. Despite decades of work in this area, this scientific field is still in its infancy. To meet this charge and move this science to the next level, this community must meet the following three challenges: 1) deep understanding of socio-cognitive reasoning, 2) human-technology integration, 3) and re-usable computational methods. Topics include but are not limited to the following:

- Social Cybersecurity
- Social Network Modeling
- Human Behavior Modeling
- Agent-Based Models
- Models of Human-Autonomy Interaction
- Health and Epidemiological Models
- Validation Methods and Human Experimentation

CHALLENGE PROBLEM: Be creative and apply your data science, simulation, network science, or machine learning skills to understanding social change during COVID-19. See sbp-brims.org for details.

BEST CONFERENCE PAPER AND BEST STUDENT PAPER AWARD
All accepted and presented full papers will contest for Best Conference Paper Award. Accepted and presented full papers with a student as the first author will be considered for the Best Student Paper Award. Papers will be evaluated on technical merit, originality, and significance to social-cyber applications. Winners will be announced at the conclusion of the conference. ** Program Committee Chair papers are excluded from all Best Paper Awards.*

Present your research at SBP-BRiMS 2022
There are many ways to engage at SBP-BRIMS 2022:
  Present a paper (requires submission and acceptance of a full paper as a presentation)
  Present a poster (requires submission and acceptance of a full paper or abstract as a poster)
  Present a challenge response (requires submission and acceptance of a challenge response abstract)
  Present a didactic seminar (requires submission and acceptance of a tutorial proposal)
  Demo your software (requires attending and mentioning the name of the software you will demo during registration)
  Attend the graduate consortium (requires Ph.D. student submitting a short thesis description)

Important dates

All Papers and abstract submission deadline	1-Jul-22	All Challenge responses and tutorial submissions deadline	22-Aug-22
Author notification	29-Jul-22	Challenge and tutorial notification	29-Aug-22
Final Files Due*	15-Aug-22	Early Registration ends	2-Sept-22

*Authors must register prior to uploading the original submission.
*Presenting author must pay prior to submitting the final camera ready document.

What you will need to submit
- Full Papers: Up to 10 pages including references in Springer Template in both PDF format and raw files (.zip for LaTeX or .docx)
- Abstract only: Up to one-page abstracts in Springer Template in both PDF format and raw files (.zip for LaTeX or .docx)

Note: please indicate if the first author is a student
Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation.
Note: each accepted paper has to have a unique registration. An exception may be made if all paper are single authored.

How to submit your paper
- Visit the conference page: w w w . e a s y c h a i r . o r g / 2 0 2 2 s b p b r i m s

Submission agreement
All presenting authors, including oral, and poster presenters, agree to the following conditions by submitting a paper or abstract:
- Register and pay the author registration fee.
- Attend the meeting and present at their scheduled time.

Publication of Proceedings in Springer LNCS and Online
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