

CPH2017 Call for Papers & Posters

The inaugural scientific symposium of DahShu (<http://www.dahshu.org/events/cph2017/index.html>) will be held February 20-22, 2017 at the South San Francisco Conference Center, California. DahShu is a 501(c)(3) nonprofit organization with the mission of promoting research and education in data science. The theme of this year's conference is "Computational Precision Health" (CPH2017). CPH2017 will bring together top researchers from around the world to exchange research ideas and address open issues, and will provide a forum for the presentation of original work in statistical and computational methods, with emphasis on applications in data-rich problems in biology, medicine and healthcare. We are honored to have the following prestigious scientists and thought leaders as our keynote speakers



Marc Buyse, ScD

Founder & Chief Scientific Officer,
International Drug Development
Institute (IDDI) & CluePoints

Associate Editor, *Annals of Oncology*
and *Clinical Trials*

Named among the 100 Most Inspiring
and Motivational Leaders throughout
The Life Science Industry



Dr. Steven E. Brenner

Professor, Plant & Microbial Biology
University of California, Berkeley



Dr. Ami Bhatt

Assistant Professor of Medicine
(Hematology) and of Genetics
Stanford University

CPH2017 welcomes researchers with diverse backgrounds and has organized a series of invited oral presentation sessions.

- Data-driven medical decision
- Recent advances in precision medicine
- Drug discovery and development
- Mobile-health, digital technology and crowd sourcing
- Neuro-imaging and neuro-genomics
- Integration of multi-omics data
- Normalization and analysis of single-cell data
- Constructing and interpreting biological networks
- Privacy / ethical / legal issues in medical research
- From biology to bedside: machine learning innovations in medical science
- Innovations in analysis and reporting of electronic health/medical records (EHR/EMR)



DahShu

PROMOTE RESEARCH AND EDUCATION IN DATA SCIENCE

Conference information will be available and updated regularly at:
<http://www.dahshu.org/events/cph2017/index.html>

Papers and Posters

In addition to keynote and invited presentations, CPH2017 will feature presentations of rigorously peer-reviewed full-length papers reporting on **original work**. The best papers will be presented orally to the entire conference, and be invited to publish in the *Journal of Computational Biology* or *Statistics in Biosciences* after the conference. Prizes will be awarded for best presentations.

Researchers wishing to present their research without submitting full-length papers are encouraged to submit a one page abstract by the abstract deadline listed below to present their work in the poster sessions.

Important dates

Paper submissions due: **September 26, 2016 11:59PM PT**

Notification of paper acceptance: **October 24, 2016 11:59PM PT**

Abstract deadline: **December 14, 2016 11:59PM PT**

Meeting: February **20-22, 2017**

Final version of the paper due: **March 13, 2017 11:59PM PT**

Papers and poster abstracts must be submitted at <https://easychair.org/conferences/?conf=cph2017>

Paper format

Submitted papers are limited to twenty (20) pages (not including the cover letter). Please format your paper according to instructions of *Journal of Computational Biology* (<http://www.liebertpub.com/overview/journal-of-computational-biology/31/>) or *Statistics in Biosciences* (<http://intlpress.com/site/pub/pages/journals/items/sii/home/submissions/index.html>). If figures cannot be easily resized and placed precisely in the text, then it should be clear that with appropriate modifications, the total manuscript length would be within the page limit. Color images are accepted. The accepted file format is PDF (Adobe Acrobat preferred). Attached files should be named with the last name of the first author (e.g. smith.pdf). Hardcopy submissions, unprocessed TEX or LATEX files or electronic submissions not submitted through the paper management system will be *rejected* without review. Each paper must be accompanied by a cover letter. The cover letter should be the first page of your paper submission. The cover letter must state the following:

- The email address of the corresponding author, and the email address of the presenting author. Please note: in order for the paper to be considered for publication in JCB and SIB, one of the authors must attend the conference and present.
- The submitted paper contains original, unpublished results, and is not currently under consideration elsewhere.
- All co-authors concur with the contents of the paper.

Poster abstract

Poster abstract should include names and affiliations of all authors, email address of the corresponding author, and a statement that all co-authors concur with the contents of the poster. One of the authors must attend the conference and present.

Contact Us

Contact CPH2017 cph2017@dahshu.org or visit <http://www.dahshu.org/events/cph2017/index.html> for additional information about the conference, submission requirements, volunteer positions and sponsorship opportunities.



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