

2016 International Conference on  
**BRAIN INFORMATICS & HEALTH (BIH'16)**

**October 13—16, 2016 in Omaha, Nebraska, USA**

*wibih.unomaha.edu/bih*

## CONNECTING NETWORK AND BRAIN WITH BIG DATA

Welcome to Omaha, Nebraska! Home to the College World Series, the internationally ranked Henry Doorly Zoo, a bustling start-up community, one of the strongest concentrations of Fortune 500 companies in the nation, and a thriving educational landscape with the University of Nebraska at Omaha and the Nebraska Medical Center. In 2016, the UNO College of Information Science and Technology will be the proud host to BIH '16. This series provides a premier forum that will bring together researchers and practitioners, high-quality, original research papers and real-world applications in all theoretical and technology areas.

Under our theme *Connecting Network and Brain with Big Data*, BIH'16 will provide a broad forum that academia, professionals and industry people can use to exchange their ideas, findings and strategies in utilizing the power of human brains and man-made networks to create a better world.

### INTERNATIONAL CONFERENCE ON BRAIN INFORMATICS & HEALTH 2016

The BIH series provides a premier forum that brings together researchers and practitioners from neuroscience, cognitive science, computer science, data science, artificial intelligence, information communication technologies, and neuroimaging technologies with the purpose of exploring the fundamental roles, interactions as well as practical impacts of Brain Informatics.

BIH'16 addresses the computational, cognitive, physiological, biological, physical, ecological and social perspectives of brain informatics, as well as topics relating to mental health and well-being. It also welcomes emerging information technologies, including but not limited to Internet/Web of Things, cloud computing, big data analytics and interactive knowledge discovery related to brain research. BIH'16 also encourages submissions that explore how advanced computing technologies are applied to and make a difference in various large-scale brain studies and their applications.

BIH'16 welcomes paper submissions (full paper and abstract submissions). Both research and application papers are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance and clarity. Accepted full papers will be included in the proceedings by Springer LNCS/LNAI.

BIH'16 in Omaha is officially sponsored by Web Intelligence Consortium (WIC), WIC Technical Committee on Brain Informatics, International Neural Network Society, IEEE Computational Intelligence Society, Springer and Springer LNCS/LNAI, and University of Nebraska at Omaha.

### TOPICS AND AREAS

**Track 1:** Investigations of Human Information Processing Systems (HIPS) and Computational Foundations of Brain Science

**Track 2:** Information Technologies for Curating, Mining and using Brain Big Data

**Track 3:** Brain-Inspired Technologies, Systems and Applications

*Please find the full list of topics and areas of interest of BIH'16 at <http://wibih.unomaha.edu/bih/topics>.*

### IMPORTANT DATES

**March 10, 2016:** Submission deadline for workshop/special session proposals

**March 30, 2016:** Notification of workshop/special session proposal acceptance

**April 1, 2016:** Submission deadline for full papers

**May 20, 2016:** Submission deadline for workshop/special session papers

**June 10, 2016:** Notification of full paper acceptance

**June 20, 2016:** Notification of workshop/special session paper acceptance

**June 20, 2016:** Submission deadline for abstracts

**July 10, 2016:** Notification of abstract acceptance

**July 10, 2016:** Submission deadline for tutorial proposals

**October 13, 2016:** Tutorials, workshops and special sessions

**October 14-16, 2016:** Main conference