



## Keynotes

**Geoffrey Charles Fox : Title: to be announced**



**Abstract :**

To be announced.

**Bio :**

Fox received a Ph.D. in Theoretical Physics from Cambridge University and is now distinguished professor of Informatics and Computing, and Physics at Indiana University where he is director of the Digital Science Center, and Chair of Department of Intelligent Systems Engineering at the School of Informatics and Computing. He previously held positions at Caltech, Syracuse University and Florida State University after being a postdoc at the Institute of Advanced Study at Princeton, Lawrence Berkeley Laboratory and Peterhouse College Cambridge. He has supervised the PhD of 67 students and published around 1300 papers in physics and computer science with an hindex of 72 and over 28000 citations.

He currently works in applying computer science from infrastructure to analytics in Biology, Pathology, Sensor Clouds, Earthquake and Ice-sheet Science, Image processing, Deep Learning, Network Science, Financial Systems and Particle Physics. The infrastructure work is built around Software Defined Systems on Clouds and Clusters. The analytics focuses on scalable parallelism. He is involved in several projects to enhance the capabilities of Minority Serving Institutions. He has experience in online education and its use in MOOCs for areas like Data and Computational Science. He is a Fellow of APS (Physics) and ACM (Computing).

**Jiming Liu Title: Autonomy-Oriented Data Analytics for Comprehending Real-World Complex Systems.**



**Abstract :**

To be announced.

**Bio :**

Jiming Liu is currently the Chair Professor of Computer Science and the Acting Dean of Faculty of Science at Hong Kong Baptist University (HKBU). He is the Director of Centre for Health Informatics and the Co-Founder of Joint Research Laboratory for Intelligent Disease Surveillance and Control, a partnership between Computer Science Department at HKBU and National Institute of Parasitic Diseases (NIPD) in the Chinese Center for Diseases Control and Prevention (Chinese CDC). He was the Head of Computer Science Department in 2003-2011. Prof. Liu received his M.Eng. and Ph.D. degrees in Electrical Engineering from McGill University (Centre for Intelligent Machines) in Montreal, Canada, having obtained Master of Arts from Concordia University and B.Sc. from East China Normal University. Before 1994, he served as a Senior Research Officer at Computer Research Institute of Montreal (CRIM), as a Software Engineer at Virtual Prototypes Inc. (VPI) (now Presagis) in Montreal, and as a Research Associate at Knowledge Engineering Technology Inc./Canadian Workplace Automation Research Centre, Department of Communications, Government of Canada.

## News & Events

- **Summer school will be held on 14th, participants can enjoy keynotes.**
- [Special Issue of IEEE Intelligent Systems on Summarization of Things](#)
- [Call For Paper](#)
- **Submission Deadline: June 15, 2017**
- **Notification of Acceptance: July 15, 2017**
- **Conference: August 14-15, 2017**
- **Camera Ready: After conference, 2017**

### Previous Proceedings:

Can be navigated in following digital on-line libraries (may require authentications) :

- [SKG 2016](#)
- [DBLP](#)
- [IEEE eXplore](#)
- [EI Compendex](#)

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**Marian Bubak** Title: to be announced.



**Abstract :**

To be announced.

**Bio :**

Marian Bubak has an M.Sc. degree in Technical Physics and Ph.D. in Computer Science. He is an adjunct at the Institute of Computer Science and ACC Cyfronet AGH University of Science and Technology, Kraków, Poland, and a Professor of Distributed System Engineering at the Universiteit van Amsterdam. His research interests include parallel and distributed computing, grid systems, and e-science; he is the author of about 200 papers in this area, co-editor of 28 proceedings of international conferences and the Associate Editor of FGCS Grid Computing. In the CrossGrid Project he was the leader of the Architecture Team, the Scientific Coordinator of the K-WfGrid, the member of the Integration Monitoring Committee of the CoreGRID, and the WP leader in ViroLab and GREDIA EU IST projects, and he is the strategic Planning Team leader in PL-Grid Project.

**Organizations**



**Xizhao Wang** Title: Learning from big data with uncertainty.



**Abstract :**

Big data refers to the data-sets that are so large that conventional database management and data analysis tools are insufficient to work with them. Big data has become a bigger-than-ever problem with the quick developments of data collection and storage technologies. Model simplification is one of the most popular approaches to big data processing. After a brief tutorial of the existing techniques of processing big data, this talk will present some key issues of learning from big data with uncertainty, focusing on the impact of handling uncertainty on the model simplification. It shows that the representation, measure, and handling of the uncertainty have a significant influence on the performance of learning from big data. Some new advances in our Big Data Institute regarding the research on big data analysis and its applications to different domains are briefly introduced.

**Bio :**

Xizhao Wang, IEEE Fellow, is a professor at Shenzhen University. He is the editor of a Springer magazine Machine Learning and Cybernetics. He received PhD at HIT, China in 1998. He was visiting professing at Simon Fraser Univerisyt in Canada, Alberta Univeristy in Canada and New Sourth Wales University in Australia.

**Keith W Ross** Title: Internet Data, Privacy, and Anonymity.



**Abstract :**

To be announced.

**Bio :**

Keith Ross is the Dean of Engineering and Computer Science at NYU Shanghai and the Leonard J. Shustek Chair Professor in the Computer Science and Engineering Dept at NYU. Before joining NYU-Poly in 2003, he was a professor at University of Pennsylvania (13 years) and a professor at Eurecom Institute (5 years). He was the Department Head of the CSE Department at NYU from 2008 to 2013, and he joined NYU Shanghai in 2013. He received a B.S.E.E from Tufts University, a M.S.E.E. from Columbia University, and a Ph.D. in Computer and Control Engineering from The University of Michigan. He is an ACM Fellow and an IEEE Fellow.

**Yanchun Zhang** Title: Smart Medicine: towards computer aided diagnosis via pattern mining on biomedical images.



**Abstract :**

To be announced.

**Bio :**

Prof. Yanchun Zhang is the Director of the Centre for Applied Informatics (CAI), and coordinates a multidisciplinary e-research program across the University. CAI's program focuses on application driven and multidisciplinary research involving collaboration among experts from different fields, particularly in the ICT area and its applications in health care, community, business, and environmental studies. Prof. Zhang is

an international research leader in databases, data mining, health informatics, web information systems, and web services. He has published over 220 research papers in international journals and conferences proceedings, and authored/edited 12 books.

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**The International Conference On  
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