

# **The 2013 International Workshop on Cloud Enhanced Information Fusion (CloudFusion'2013)**

<http://bingweb.binghamton.edu/~vchen/CloudFusion2013.htm>

**In Conjunction with the 8th FTRA International Conference on Future Information Technology**

**(FutureTech2013)** <http://www.ftrai.org/futuretech2013/>

**September 4-6, 2013, Gwangju, Korea**

## **Call for Papers**

Recent advances in cloud computing pose interesting capabilities for information fusion such as large data computations, retrieval, and storage. Information fusion filters and combines useful data for decision-making as mirrored by biological systems that combine visual information for object simultaneous tracking and identification (STID). With a cloud-enabled environment, a systems approach to information fusion can be conducted over vast amounts of entities in a database leveraging advances in information management, systems design, and real-time execution.

CloudFusion'2013 will bring researchers and experts together to present and discuss the latest developments and technical solutions concerning various aspects of information/data fusion issues in a cloud computing environment. CloudFusion'2013 seeks original unpublished papers focusing on theoretical analysis, emerging applications, novel system architecture construction and design, experimental studies, and social impacts of advanced cloud enhanced information fusion technologies. Both review/survey papers and technical papers are encouraged.

CloudFusion'2013 also welcomes short papers, which summarize speculative breakthroughs, work-in-progress, industry featured projects, open problems, new application challenges, visionary ideas, and preliminary studies.

### **The topics include but are not limited to:**

- Emerging information fusion applications
- Intelligent decision making over media and sensing resources
- Situational awareness
- Threat detection/prediction
- User coordination and human factors design
- Mission control and information management
- Massive data analytics
- Securing distributed data storage in cloud
- Privacy and security in cloud based information fusion
- Testbed/Simulators for advanced information fusion
- Performance evaluation
- Robust job scheduling
- Secure resource allocation and indexing
- Secure payment for cloud based information fusion services

### **Submission Guidelines**

Original papers from the above mentioned and related topics will be considered. Please submit regular full papers (8 pages) and short papers (2 pages) including all figures, tables, and references. Authors are requested to follow the standard IEEE double column format with Font 10 ([http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)). Papers should be submitted electronically in pdf format through the EasyChair website together with a short abstract (approximately 150 words) (<https://www.easychair.org/conferences/?conf=cloudfusion2013>). Submitted papers must not have appeared in or be under review/consideration for another workshop, conference or a journal during the review process. Each submission will be reviewed by at least three reviewers. If you don't have an EasyChair account, you will need to create one.

### **Important Dates**

Submission deadline: ~~Mar. 25, 2013~~ April 10, 2013  
Notification date: April 25, 2013  
Camera-ready due: May 15, 2013  
Conference dates: Sept. 4-6, 2013

### **Workshop Chairs**

Dr. Yu Chen,	Binghamton University, SUNY, USA,	Email: <a href="mailto:ychen@binghamton.edu">ychen@binghamton.edu</a>
Dr. Erik Blasch,	Air Force Research Lab (AFRL/RIEA), USA,	Email: <a href="mailto:Erik.Blasch@rl.af.mil">Erik.Blasch@rl.af.mil</a>
Dr. Genshe Chen,	Intelligent Fusion Technology, Inc., USA,	Email: <a href="mailto:gchen@intfusiontech.com">gchen@intfusiontech.com</a>

### **Technical Program Committee**

Li Bai	Temple University
James Bonick	US Army NVSED
Baek-Young Choi	University of Missouri, Kansas City
Subrata Das	Machine Analytics Inc.
Jun Feng	SK Hynix Memory Solutions Inc.
Keesook Han	Air Force Research Laboratory
Zhanpeng Jin	Binghamton University
Wei-Shinn Ku	Auburn University
Heesung Kwon	U.S. Army Research Laboratory
Feng Li	IUPUI
Haibin Ling	Temple University
Khanh Pham	Air Force Research Laboratory
Sachin Shetty	Tennessee State University
Sejun Song	Texas A. & M. University
Jun Yu	Marvell Semiconductor Inc.
Zhigang Zhu	City College of New York