CALL FOR PAPERS

The International Conference on Information Fusion is the premier forum for interchange of the latest research in data and information fusion, and its impacts on our society. The conference brings together researchers and practitioners from academia and industry to report on the latest scientific and technical advances. Authors are invited to submit papers describing advances and applications in information fusion.

The 21st FUSION conference will be held in Cambridge, United Kingdom, at the Department of Engineering, University of Cambridge, located near the centre of this historic and ancient university town. The colleges, King’s College Chapel, the River Cam and the Grantchester Meadows are all within easy walking distance and a must-see for visitors to Cambridge.

TOPICS OF INTEREST

The conference deals with both high-level and low-level data and information fusion. The four main categories and example subcategories (non-exhaustive) are:

2. Algorithms for target tracking, localization, situational awareness, intent/behaviour/swarm modeling, decision making, data mining, data analytics, sensor/resource management, compressed sensing, pattern analysis, machine learning, deep learning, artificial intelligence, sonar/radar/video tracking, image fusion, data association, distributed fusion, and sensor registration.
3. Modeling, simulation and evaluation, considering a wide range from target and sensor modeling to fusion/tracking performance evaluation, and simulation tools.
4. Applications of information fusion such as sensor networks, navigation and guidance, aerospace, robotics, imaging, autonomy, computer and homeland security, defense and intelligence, operations research, business intelligence, environmental monitoring, medical care, intelligent transportation, economics and finance, Internet of Things, smart cities, and big data.

PAPER SUBMISSION

Prospective authors are invited to submit papers electronically via the system found at the conference web page. Paper templates and submission instructions will be available at the conference website www.fusion2018.org. Submitted papers should be no more than eight pages in length. There will be a charge for each additional page beyond eight pages. All papers must be approved for public release prior to submission.

IMPORTANT DEADLINES

- Special Session proposals and Tutorial proposals: 1 Feb. 2018
- Full paper submission: 1 March 2018
- Notification of acceptance: 1 May 2018
- Final paper submission and early registration: 1 June 2018