Call for Papers

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

The 19th FUSION conference will be held in Heidelberg, Germany, at the Heidelberg Convention Center located right at the river Neckar within the historic city. Heidelberg's famous historical castle, the Old Town, and the longest pedestrian zone in Europe are a must see for everybody visiting Germany.

Topics of Interest

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

1. Theory and representation, e.g., probability theory, Bayesian inference, stochastic processes, fuzzy sets, Dempster–Shafer theory, and belief functions.

2. Algorithms for target tracking, localization, situation assessment, behavior/swarm modeling, decision making, data mining, data analytics, sensor/resource management, compressed sensing, pattern analysis, machine 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.fusion2016.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 submittal.

Important Deadlines

Special Session proposals and Tutorial proposals	Feb. 1, 2016
Full paper submission	Mar. 1, 2016
Notification of acceptance	May 1, 2016
Final paper submission and early registration	June 1, 2016

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