

SMC2013 Special Session Call for Papers

Smart Technologies for Civil Applications of Unmanned Aerial Vehicles

Special Session organizers

BAE Systems, UK

National Nuclear Laboratory, UK

Dr. Bogdan Matuszewski

Prof. Lik-Kwan Shark

University of Central Lancashire, UK

Dr. Plamen P. Angelov

Prof. G. Markarian

University of Lancaster, UK

Dr. Mike Jump

Dr. Jason Ralph

University of Liverpool, UK

Dr W J Crowther

University of Manchester, UK

Prof. Samia Nefti-Meziani

University of Salford, UK

Email:

LShark@uclan.ac.uk

Introduction/Call for Papers

With unmanned aerial vehicles (UAV) becoming commercially viable, a new platform is provided for deployment of smart technologies to create a wide range of possible applications of UAV in various civil service sectors, such as agriculture, communications, energy, environment, emergency, law enforcement, security and transport. The objective of the proposed special session is to bring together people from academia and industry to present the current technological advances and application development for civil UAV.

Indicative Topics/Areas (not limited to)

- Autonomy technologies
- Civil applications
- Communications technologies
- Data analysis, fusion, management and visualisation
- Ground stations
- Human machine interfaces
- Intelligence and adaptive systems
- Mobile and web-based services
- Sensor systems
- Signal and image processing
- System simulation, testing, verification and validation
- UAV platforms

Important Dates

Date TBC: Deadline for submission of full-length papers to special sessions

June 30, 2013: Acceptance/Rejection notification

July 31, 2013: Deadline for final camera-ready papers

Submission

Manuscript for a Special Session should NOT be submitted in duplication to any other regular or special session and should be submitted to SMC 2012 main conference online submission system on SMC 2012 conference website. All submitted papers of Special Session have to undergo the same review process (three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the SMC 2013 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.