



International Conference on Advanced Technologies, Signal & Image Processing



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http://www.atms-researchgroup.com/atsip_2017.php

Call For Special Session Proposals

Special Session Chair(s):

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Title: **Multimedia Data Analysis and Security**

Aims & topics:

With the explosive growth of information and communication technologies, new opportunities emerged for the creation and delivery of content in digital form, which includes applications such as real time video and audio delivery, electronic advertising, digital libraries, e-governance, e-commerce applications, copy control, media identification and tracking, and web publishing.

The exchange and diffusion of digital media has grown explosively. This development carry with it some risks such as copyright violation, prohibited usage and distribution of digital media. Thereby, it is necessary to secure multimedia data in various aspects such as confidentiality, identity, integrity and ownership.

Several techniques were developed to provide security to multimedia data such as cryptography and data hiding techniques: Watermarking, Steganography; and Forensics techniques.

The objective of this Special Session is to concentrate on all aspects and future research directions related to this specific area. Topics of interest include (but not limited to):

Topics of the SS:

- Multimedia watermarking, fingerprinting, and identification
- Steganography and steganalysis
- Cryptographic algorithms/protocols
- Forensics techniques
- Information security
- Identification, Authentication, Signature and Non-repudiation
- Biometrics
- Biomedical data security
- Application of smart cards and ID cards
- Optical document security
- Digital rights management systems
- Emerging applications of content identification
- Privacy, policy and legal issues as well as their interaction with technological development

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