

# HEVC, H.264, and JPEG Security

Special Session in

2nd ACM(\*) Workshop on Information Hiding and Multimedia Security

June 11- 13, 2014  
Salzburg, Austria

Chairs: Jan De Cock, Thomas Stütz

Given the ubiquitous nature of multimedia data on the Internet, it has become clear that privacy of personal information should also include protection of multimedia files, along with the inherent metadata information. More and more, researchers and (standardization) organizations are looking for privacy mechanisms that take into account the specific characteristics of the multimedia data. The special session focuses on format-specific security tools and services for HEVC, H.264, and JPEG. Contributions from the diverse the areas of multimedia security are welcome, such as media encryption, information hiding and watermarking, and forensics.

Topics for papers in this special session include, but are not limited to:

- \* Format-specific HEVC, H.264, and JPEG encryption
- \* Format-specific HEVC, H.264 and JPEG watermarking
- \* Security tools for the scalable extensions of HEVC, H.264, and JPEG
- \* Secure transmission and transport of HEVC, H.264, and JPEG
- \* Selective and partial encryption of HEVC, H.264 and JPEG
- \* Privacy protection for HEVC, H.264, and JPEG
- \* Compressed domain watermarking for HEVC, H.264, and JPEG
- \* Joint compression and media encryption for HEVC, H.264, and JPEG
- \* Joint compression and information hiding for HEVC, H.264, and JPEG
- \* Format-specific HEVC, H.264, and JPEG forensics
- \* Format-specific HEVC, H.264, and JPEG file-carving

Submission format and deadlines entirely correspond to the corresponding definitions for the main track of the conference available at:

<http://ihmmsec.org/>

[Submission deadline: January 17, 2014]

If you have any questions, please do not hesitate to contact [jan.decock@ugent.be](mailto:jan.decock@ugent.be) and [thomas.stuetz@fh-salzburg.ac.at](mailto:thomas.stuetz@fh-salzburg.ac.at)

We are looking forward to your contribution.