



International Conference on Image Processing Theory,
Tools & Applications



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CALL FOR PAPERS: Special Session

Multimedia security for social networks

More and more multimedia data is exchanged and shared on social networks: sharing photos with friends, downloading streaming video, listening to audio, interactions between 3D characters for video games, ...

These multimedia data must be compressed according to standards to be exchanged more quickly, but must also be secured. The security of this multimedia data must guarantee the confidentiality, integrity and authentication of this data. Different approaches are possible to guarantee certain levels of security such as watermarking, steganography, encryption and secret sharing.

On the detection side we will find steganalysis, deep fake detection, resistance to attacks. As far as social networks are concerned, the security of multimedia data must be combined with compression (JPEG, HEVC, MP3, DRACO, etc.). Any type of application will be welcome, from medical to metaverse, including video games.

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