

CALL FOR PAPERS

International Workshop on Biometrics and CyberSecurity 14

in conjunction with

ACM/IEEE 2014 International Conference on CyberWorlds CW 2014

<http://www.cw2014.unican.es/>

October 6-8, 2014

University of Cantabria, Santander, Spain

Paper submission link: <https://www.easychair.org/conferences/?conf=cw2014>

SUBMISSION DEADLINE: June 8, 2014

Important Dates

June 8, 2014: Deadline for paper submission

June 30, 2014: Notification of Acceptance

July 18, 2014: Camera-ready version and author registration

October 6-8, 2014: CyberSecurity'14 Workshop and CW 2014

Workshop Description

International Conference on CyberWorlds is a well-established key international event in the field of virtual worlds and computer graphics.

The conference is designated as ACM SIGGRAPH small conference, and is supported by Eurographics and IEEE, with proceedings published by IEEE-CS.

Recently, the focus is shifting towards security and privacy aspects in virtual worlds, with cybersecurity emerged as one of the emerging research directions.

Security research domain has recently witnessed tremendous growth in respect to all aspects of information access and sharing. There has been notable progress in developing successful approaches to tackle the problem of user authentication. Among those approaches, biometric-based authentication firmly established itself as one of the most reliable, efficient, and versatile tools for providing discretionary access control to a secure resource or system. While state-of-the-art methods for biometric authentication are becoming increasingly more popular and better understood, the same unfortunately cannot be said about security of users populating on-line communities or cyberworld.

The workshop invites high-quality, original and previously unpublished research in all areas of biometric and cyber security, including both theoretical foundations, system design, empirical studies on individual and multi-modal biometrics, as well as emerging biometric research trends. Image processing, machine intelligence, cognitive sciences and information fusion provide strong theoretical foundations and drive current state-of-the-art biometric research. Biometric template protection, on-line security, social biometrics, context-based biometrics, robotic biometrics and arimetrics are emerging areas of biometric, which fit perfectly with overall Cyberworlds Conference themes.

Topics of interest include, but are not limited to:

- Biometric image processing, feature extraction and matching
- Pattern Recognition for Biometrics
- Cancellable Biometrics and Template Protection
- Privacy and Biometrics
- Biometric based passwords and encryption
- Biometric Databases and Evaluation
- Empirical and theoretical studies, standards and models
- Multi-modal biometrics (sensor level, feature level, decision level, rank level and match level)
- Biometric architectures
- Machine Intelligence in Biometrics
- Cognitive biometrics
- Social biometrics
- Context-based Biometrics
- Robotic Biometrics (Artimetrics)
- Security Applications and Biometric Systems
- On-line Security and Biometrics
- Virtual World Security and Biometrics

For information on paper submission and to submit your paper please go to CW\14 web site and chose Biometric Security Workshop:
<https://www.easychair.org/conferences/?conf=cw2014>

All workshop papers will undergo rigorous refereeing, accepted papers will be published as part of main Cyberworlds Conference IEEE-CS Proceedings and indexed by major citation engines.

Journal Special Issues

Special issues in Journal of Biometrics, Inderscience and Transactions on Computational Sciences, Springer are planned for the selected high-quality papers presented in the workshop (if warranted by submissions).

Publicity Chairs:

Padma Polash Paul (University of Calgary, Canada), Madeena Sultana (University of Calgary, Canada)

Program Committee Members:

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