

CyberCare 2016

The 1st International Workshop on Cyber Healthcare (CyberCare 2016)

<http://www.cyberhealthcare.org/>

The 1st International Workshop on Cyber Healthcare 2016 (CyberCare) is an international forum dedicated to the advancement of the theory and practical implementation of Cyberspace in HealthCare. CyberCare intends to provide the state-of-the-art technologies in the broad areas of Cyberspace techniques in healthcare to industry, researchers, physicians, engineers, and students. CyberCare will be held in Auckland, New Zealand (8-12 August 2016) in conjunction with the 2016 Cyber Science and Technology Congress (CyberSciTech 2016).

Scope:

Cyberspace brings together physical, social and mental spaces. Furthermore, cyberspace is shaping daily life with respect to work, education, entertainment, business, health, and cultural issues. Cyberspace brings new challenges that need to be tackled such as cyber healthcare. To address these endlessly rising challenges, there is a need to establish new sciences and research portfolios in order to integrate cyber-physical, cyber-social and cyber-mental together into the vision of Cyber Healthcare. Cyber Healthcare aims to secure the healthcare systems, hospitals, patients against emerging threats and vulnerabilities, and sustaining privacy and trust. CyberCare aims to provide a highly professional and comparative academic research forum that promotes collaborative excellence between academia and industry.

CyberCare offers a common platform for scientists, researchers and engineers to exchange their latest ideas and outcomes on healthcare information technologies, healthcare systems and global e-healthcare security and privacy applications. It is also a venue to exchange the latest advances in cyber healthcare studies with the broad scope of cyber-related sciences, technologies and applications topics. CyberCare invites speakers and researchers to submit papers that encompass conceptual analysis, design implementation and performance evaluation. All submitted papers are peer-reviewed (blind reviewed). The topics of interest include, but are not limited to:

- Cyber Security and Privacy in Healthcare
- Anonymity and Authentication in Healthcare
- Biometrics in Cyberspace
- Social Engineering in Cyber Healthcare
- Patient Profiling and e-Safety

- Secure Mobile Technologies
- Secure Electronic Health Records
- Medical Errors Prevention in Cyberspace
- Database Security for Cyber Healthcare
- Cyber Healthcare Modeling
- Malware in Cyber Healthcare
- Auditing and Quality Management

Submission:

Submit your manuscript to:

<https://easychair.org/conferences/?conf=cybercare2016>

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Submitted papers need to abide by IEEE Computer Society formats. Final papers must be formatted accordingly (see “IEEE Manuscript Templates”).

All accepted papers will be published in IEEE Computer Society proceedings (EI indexed). Extended versions of selected excellent papers will be considered for publication in special issues of prestigious journals (SCI/EI indexed). The number of pages for workshop papers is limited to 6 pages in IEEE CS format.

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Authors should submit their contributions electronically in PDF format at: <https://www.easychair.org/>

The submission processes will be managed by easychair.org. If you have used this system before, you can use the same username and password. If this is your first time using EasyChair, you will need to register for an account by clicking "I have no EasyChair account" button. Upon completion of registration, you will get a notification email from the system and you are ready for submitting your paper. You can upload and re-upload the paper to the system by the submission due date.

All CyberCare workshops accepted papers will be printed in the conference proceeding.