General Information

International Conference on Cyber-Living, Cyber-Syndrome and Cyber-Health 2019 (CyberLife 2019) will continue to discuss and communicate with the living and health in Cyberspace, reach existing smart medical framework solutions, report on privacy protection issues and follow-up research directions arising from smart healthcare. Researchers, scholars and engineers are warmly and sincerely welcomed to communicate and exchange their brilliant ideas, and any other collaboration forms and ideas on Cyber-Living, Cyber-Syndrome and Cyber-Health which you are interested will be deeply expected. Topics of interest include, but are not limited to:

Track 1: Cyber Philosophy, Cyberlogic and Cyber Science
- Cyber and cyber-enabled existing and entity
- Cyber and cyber-enabled spaces
- Cyber philosophy
- Cyberlogic and methods
- Cyber Science
- Cyberspace Education, Learning and Training

Track 2: Cyber Living
- Cyber-enabled physical social thinking living space and environment
- Cyber living theory, technology and application and service
- Cyber society and community
- Smart Home/Neighborhood/Cities
- Smart building and working enviroment
- Cyberspace administration and international cooperation
- Smart/Intelligent Education and Learning
- Games and Entertainment

Track 3: Cyber Health and Smart Healthcare
- Cyber health solutions detection and evaluation
- Cyber healthSmart healthcare and active assisted living
- Assisted living robot and applications
- Security architectures and protection mechanisms for smart healthcare
- Cyber physical smart healthcare systems
- Machine learning based healthcare models and applications
- Real-time data processing for cyber health
- Wearable sensor-based healthcare solutions
- Hardware based acceleration for cyber health systems
- Prototype, test-bed design and demonstrations for healthcare solutions

Track 4: Cyber-syndrome and Cyber recovery
- Internet user physical, social and mental disease, detection and evaluation
- Mobile phone user physical, social and mental disease, detection and evaluation
- Human-Machine Disease, detection and evaluation
- Game addiction, evaluation and recovering
- Cyber and Cyber-enabled recovering method and solutions

Track 5: Social Computing and Cyber Physical Social Systems
- Fundamentals of social computing
- Social system design and architectures
- Mobile social computing
- Modeling of social behavior, social conventions and social contexts
- Social network analysis and mining
- Social media analytics infrastructure and cloud computing
- Big social media data
- Computational models of social simulation
- Social cognition and social intelligence
- Group formation evolution interaction, collaboration, representation and profiling
- Social service and service oriented interaction design
- Cyber-enabled social government and management
- Business social software systems
- Cyber-enabled physical systems
- Cyber-enabled social applications and services

Track 6: Cybersecurity and Privacy Protection
- Autonomous Healthcare and Assistance
- Privacy and Security of Health Data
- Cybersecurity technology and solutions
- Cyber-enabled physical, social and thinking protection solutions for attack
- Malice behavior detection and identification
- Privacy Protection for users or data
- Trust and evaluation methods for cyber and cyber-enabled activity and behavior

Track 7: Brain-Machine Integration and Neural Information Processing
- Neural Information Processing
- Brain-Like Computing and Intelligent Information Systems
- Brain Informatics and Health
- Affective and Cognitive Computing
- Neural and Rehabilitation Engineering

Track 8: Cyber crisis warning and public safety
- Cyber natural disaster warning and command, including flood, typhoon, debris flow etc.
- Cyber ecological environment disaster warning and command, including invasive species, chemical leak, genetically modified (gm) diffusion etc.
- Cyber traffic accident warning and command, including roads, airports and airspace, channel, etc.
- Cyber major public health disaster warning and command, including infectious diseases, food poisoning etc.
- Cyber anti-terrorism warning and command.
- Cyber financial security early warning system and regulation.
- Cyber early warning and guide the social public opinion and public opinion.

Track 9: Cyber diagnosis
- Deep-Transfer Learning in cyber smart medicinal diagnosis
- Smart medicinal diagnosis on multimodal sensors and smart objects
- Smart patient condition screening, visualization and monitoring
- Deep learning for disease location, disease classification, disease retrieval
- Other smart methods of Cyber medicinal diagnosis

Submit as PDF via the submission system:
https://edas.info/N26502

Accepted conference papers will be rapidly (1-2 months) published in Springer CCIS and indexed by EI Compendex and Scopus. At least one author of each accepted paper is required to register and present their work at the conference; otherwise the paper will not be included in the proceedings. More submission instructions can be found via:
http://www.cybermatics.org/CyberCon/CyberLife2019/submission.html

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Important Dates

Paper submission due: **September 15,2019**
Author notification: **October 15, 2019**
Camera Ready due: **October 25, 2019**
Registration: **October 30, 2019**
Conference: **December 16-18, 2019**

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