2024 OkIP International Conference on Advances in Health Information Technology (AHIT)

Tuesday, 1 October 2024 - Friday, 4 October 2024

Tiako Center, Oklahoma City, OK, USA & Online

Scientific Tracks

HIT Concepts and Design

Patient Portals | Virtual Consultation
Electronic Medical Records and Standards
Patient-Doctor Relationship
Technology Adoption/Diffusion/Use/Evaluation
eHealth Platform Design/Implementation
Patient Safety | Point-of-Care Diagnostic
Health Imaging | Patient Monitoring
eHealth Research Method
Health Authentication/Authorization
eHealth Emerging Trends
Telemedicine | Internet of Medical Things
Medical Diagnostic Imaging
Ageing and Disability | Remote Monitoring
eHealth Design/Development Methodologies
Medical Coding/Billing/Payment
Mobile Health Application/Technology
Healthcare Referral
eHealth and mHealth Economy
eHealth Clinical Cases
Healthcare Services Modeling
Clinical Information Sharing
Community Health Information Network
Digital Health Ecosystem
Virtual Counseling | Computer-aided Diagnosis
Internet-based Health Interventions

Advanced in Medical Imaging

Physics of Medical Imaging
Image Formation in Medical Imaging
Ionizing Radiation | Non-ionizing Techniques
Novel Methods for Image Formation/Performance
Algorithms for Image Reconstruction/Correction
Detector Materials and Electronic Design
Analytical/Computer Modeling of Imaging Systems
Image Processing | Augmented/Virtual Reality
Functional/Model-Based Imaging Analysis
Generative/adversarial learning
Image Representation/Compression
Image Restoration/Enhancement/Synthesis/Genetics
Open software for Medical Image Processing
Quantitative/Qualitative Imaging biomarkers
Radiomics and Texture Representation/Analysis
Computer-Aided Diagnosis| Image-Guided Procedures
Robotic Interventions and Modeling
Clinical and Biomedical Imaging
Imaging Informatics for Healthcare
Ultrasonic Imaging and Tomography
Digital and Computational Pathology

AI in Health

Decision Support Systems
Medical Data Mining Analysis
Health Expert Systems | eHealth Blockchain
Health Knowledge Management
Cognitive Informatics | Affective Computing
Physiological and Behavioral Modeling
Pattern Recognition and Machine Learning
Clinical Decision Support Systems
Games for Health | Motion Gaming
Health Promotion AI | Exergaming
Healthcare Predictive Modeling
Smart, Personalized Healthcare Guidance
AI Learning-Recommendations
Healthcare Explainable AI
Classification Algorithms
Healthcare Advisor Model
Big Data in Healthcare and Biomedical

Health Safety, Data, and Security

Health Data Interoperability/Integration
Medical Data Visualization
Blockchain in Healthcare | Prognostics
Medical Data Confidentiality/Security
Health/Biomedical Big Data
Data Communication Security
Occupational Health and Safety
Electronic Prescription Systems
Hazard Recognition/Evaluation/Control
Health Critical Infrastructure Protection
Healthcare Delivery Improvement
Personal Privacy Protection
Health Data Anonymization/Pseudonymization

HIT Systems and Applications

Health Applications
Software Systems in Medicine
Mobile Technologies for Health Applications
Wearable Health Informatics
Therapeutic Systems/Technologies
Assistive Interfaces/Tools/Technologies
Pervasive Health Systems and Services
Healthcare Management Systems
eHealth Social Network | eHealth New Media
Health Electronic Commerce
Monitoring Systems | Home Health Systems
Medical Rehabilitation Technologies

Biomedical/Sensor Monitoring
Noninvasive Sensor Applications
Electronic/Implanted Health Sensors
Innovative Healthcare Diagnostic Tools
Cloud for eHealth Services

HIT Regulation and Legal Issues

General Data Protection Regulation
Patient Data Access | Privacy Concern
eHealth Governance/Risks/Challenges
eHealth Policy | Telemedicine Regulation
Health Information Disclosure/Sensitivity
Consent Management
Data Protection Regulations
Trusted Health Information Environment
Clinical Trial Regulations
Medical Device Regulation/Standard