

CALL FOR PAPERS

2021 International Conference on Advances in Health Information Technology

MNTC Center, Oklahoma City, OK, USA & Online, November 15-18, 2021

Oklahoma International Publishing (OkIP) is pleased to host the 1st International Conference on Advances in Health Information Technology (AHIT). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. AHIT will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OkIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for the inaugural issue of the International Journal of Information Technology Research ISSN 1553-653X.

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

AI in Health

- Decision Support Systems
- Medical Data Mining Analysis

Technical Research & Industry Contribution

Full Paper: Accomplished research results (6 pages)

Short Paper: Work in progress/fresh developments (3 pages)

Poster/Journal First: Displayed/Oral presented (1 page)

Corporate Showcase & Exhibition

Booth: Display product and/or service offerings (1 page)

Oral: Present product and/or service offerings (1 page)

- 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

Student Poster & Career Fair

Graduate & Doctoral: Peer-reviewed Poster (1 page)

Undergraduate/High School: Selected Poster (1 page)

Recruiter Booth: Product/Service & Job offerings (1 page)

Workshop, Tutorial, Forum & Panel

Workshop, Tutorial & Tour: Proposal (1 page)

Executive Forum, Panel & Talk: Proposal (1 page)

For more information, submission details and important dates visit or contact:

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