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**The First International Conference on Informatics and Assistive
Technologies for Healthcare, Medical Support and Wellbeing
HEALTHINFO 2016**

August 21 - 25, 2016 - Rome, Italy

<http://www.aria.org/conferences2016/HEALTHINFO16.html>

Important deadlines:

Submission (full paper)	April 4, 2016
Notification	May 28, 2016
Registration	June 12, 2016
Camera ready	July 12, 2016

Tracks:

Health Informatics Systems

Architectures and Frameworks for Health Informatics Systems; Medical Informatics and Medical Records; Knowledge Bases and Health Data Mining; Data Mining and Bioinformatics; Ambient Assisted Living Systems; Enhanced Living Environments; Disease Surveillance and Patient Monitoring Systems; Prevention and Detection Systems; Personalized Apps for Healthcare and Wellbeing; Population Health and Public Health Informatics; Telemedicine and Mobile Telemedicine; Decision Support Systems in Healthcare; Computer-aided Detection and Diagnosis; Analysis and Evaluation of Healthcare Systems

Health Information

Health Information Technologies; Evidence-based Medical Practice; Medical Imaging Informatics; Electronic health/medical Record Applications; Personal Health Record Applications; Healthcare Data Warehouses; Health Information Modeling and sharing; Data Computational Models and Telemedicine Treatment Effects; Biomedical/Health Database Integration and Management; Health Information Retrieval and Extraction

Health Informatics Data

Health Services Data Analytics; Databases and Integration of Biomedical Data; Bioinformatics and Healthcare Infrastructure; Integrative Analysis of Biological and Clinical Data; HIPAA Compliance Data Mining Approaches; Pharmacogenomics Data Mining; Epidemic Intelligence; Drug Information Systems; Health Data Storage and Management; Privacy, Authentication, Trust, Security in Data Processing; Medical Image Data Mining and Processing; Computational Genetics, Genomics and Proteomics; Population, Evolution, and Comparative Genomics

Health Informatics Technologies

Interoperability and Scalability of Systems and Platforms; IT Standards and Profiles for Interoperability; Software and Devices for Healthcare; Programming Paradigms and Tools for Health Applications; Human-computer Interaction and Usability in Healthcare; Technologies for Dynamic Data Integration (ontologies, noSQL, RDF, SPARQL, etc.); Cross-Computational Methods; Medical Cyber Physical Systems; Mobile Health and Sensor Applications; Internet of Things for Healthcare; RFID and Sensor-enabled Healthcare Technologies; Intelligent Technologies for Healthcare (Smart Homes, Cloud-based, etc.); Computational Drug Discovery; On/In-Body Medical Sensors Communications; Ubiquitous Health Applications; Health Portals and Big Data Visualization; Food Control and Recommendation Systems

Clinical Practice and Training

Medical Practice-driven Models and Requirements; Patient-centered Health and Experience Studies; Mobile Health Consultation; Remote Monitoring of Patients with Chronic Diseases; Dietary Assessment via Smartphones and Wearable Devices; Children Healthcare Systems; Nursing Informatics; Clinical Workflow and Human Factors; Health Social Media Analytics; Treatment Facilities; Clinical Informatics; Evidence-based Medicine; Clinical Safety; Clinical Epigenetics; Clinical Data and Knowledge Management; Risk and Responsibility Management in Healthcare; Regional Cooperation for Healthcare; Lessons Learned

Wellbeing Informatics

Physical Therapy Instrumentation; Assistive and Sentient Environments; User-adaptive Gerontechnologies; Telehealth and Telemedicine Services; Mobile Technology for Wellbeing; Mobility and Rehabilitation Technologies; Household Accident Detection and Reaction; Personalized Ambient Adaptation; Communication Devices for the Elderly; Social Networks for the Elderly; Lifelong Learning for Mental Healthcare; Assistive Technologies and Devices; Medication and Nutrition Control Services; Social-care Robots and Agents for the Elderly; Entertainment Technologies for the Elderly; Fitness and Sports for the Elderly