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## The First International Conference on Global Health Challenges

**GLOBAL HEALTH 2012**

**October 21-26, 2012 - Venice, Italy**

<http://www.iaia.org/conferences2012/GLOBALHEALTH12.html>

### Important deadlines:

Submission (full paper)	June 7, 2012
Notification	July 23, 2012
Registration	August 7, 2012
Camera ready	August 7, 2012

### Tracks:

#### FUNDAMENTALS

Foundations in global health informatics; Computational health; Software for health; Independent living technologies; ICT and health; Platform interoperability; Semantic interoperability; Diagnosis systems; Applied health informatics; User interfaces and visualization

#### TECHNOLOGY

Bio-medical semantics; Bio-medicine; Disease biomarker prediction; Applications of bio-nano technology; Body networks; Mobile healthcare; Ubiquitous healthcare

#### TRENDS

Clinical epigenetic; Long term health conditions; Ambient assisted; Genetics; Virtual reality in medicine surgery; Clinical trials; Computational and knowledge management on proteomics and genomics; Drug design, disease diagnosis and control

#### PRACTICE

Nursing; Patient-centered care; Personalized medicine; Pervasive health; Homecare; Pharmaceutical services

#### ALTERNATIVE

Biomedicine; Natural medicine; Preventive medicine; Chronic diseases following; Home surveillance

#### CHALLENGES

Security aspects and access control on medical data; Data management in pervasive context; Data quality assurance and provenance; Patient flow models in hospitals; Clinical data analysis; Information visualization of medical data

#### GLOBAL

eHealth initiatives; Social medicine; Health global accessibility; Epidemic spreading and control; Health Education; Providing health in remote areas; Decision support within healthcare; Ethical aspects in eHealth; Healthcare plans and patient benefits; Synchronization of federal regulations; Availability of medication; Community health services