



International Medical Informatics Association (IMIA) WG-4 Working Conference

Realizing Security into the Electronic Health Record

Centro di Cultura Scientifica "Villa Monastero" May 31st - June 3, 2003 - Varenna, Italy

Programme Committee:

Ab Bakker (chairman)
Barry Barber (UK)
Bernd Blobel (DE)
Dimitris Gritzalis (GR)
Kiyomu Ishikawa (JP)
Jochen Moehr (CA)
Francesco Pincioli (IT)
Francis Roger France (B)
Pekka Ruotsalainen (FI)
Mary Sharp (IE)

Local Promoters:

Francesco Pincioli
Politecnico di Milano

Antonio Cantore
CILEA

Local Committee: (open list)

Mario Pelosi
Ministero Innovazione

Claudio Beretta
Regione Lombardia

Ivan Colombo
Istituto Clinico
Humanitas

Coordinates:

c/o Cilea-MediSan
CILEA
Via R. Sanzio, 4
20090 Segrate (MI)
Tel. +39-02-26995.1
Fax +39-02-2135520
e-mail: cileaset@cilea.it
www.cilea.it/varenna2003



Institutional mission - Medical Data Security and Privacy is a subject of continuing interest, where a leading worldwide Scientific Society of Medical Informatics supports individual citizens, institutions and governments by periodically updating both the theory and the detailed implementation practicalities of Health Information Data Protection and Security - in the context of world-wide developments. Such an update will be provided by the International Medical Informatics Association www.imia.org in Varenna, Italy, May 31st-June 3, 2003 - at the Villa Monastero Centre for Scientific Culture.

Conference mission - Over the three years period since the last IMIA update in Victoria, Canada, several major changes have occurred in the field:

- There is an increasing volume of health care data in the Internet arena
- More Health Information and Record Systems utilize web technology to deliver Personal Health Data to increasingly mobile Health Professionals, Patients and Citizens.
- The international drive for e-government procedures include access to Personal Health Data often starting with drug prescriptions
- Electronic crimes are described daily in international press and Health Information Systems must be adequately secure against these threats.

- Healthcare Information is widely available on the Internet but with widely varying degrees of accuracy and often personal e-mail of citizens is invaded by clinically focused direct marketing but false health care information.
- In many countries new attention has been focused on previously unthinkable access to Personal Health Information by bio-terrorism and the counter-measures hurriedly taken to address these issues. Fingerprints, DNA profiling and intrusive surveillance appear to have implemented George Orwell's "Big Brother State" just about 20 years later than predicted!
- How do we continue to protect citizens and their privacy in the current circumstances?

All these changes serious examination and an updating of the accepted issues of Medical Data Security and Privacy, and this is the mission of the Varenna Conference www.cilea.it/varenna2003

Focusing roles - The architecture of the Conference programme is focused on the concept of the citizen considered in various health-related roles and the associated security and privacy issues. So they may be

- the occasional patient,
- the acute patient,
- the geriatric patient
- the patient in emergency conditions.

Who should attend - Because health care Institutions and companies mainly relate their activities to these various roles from the point of view of life insurance, public and private hospitals, nursing homes and emergency services, participating in this working conference will be of value for all those responsible for and involved in the implementation of) and Electronic Patient Record. of (parts of) and Electronic Patient Record.

Conference programme - The structure of the Conference program will discuss aspects related to the health care data contents, user accreditation, access management, as they specifically belong to the to managing institution missions and the authorities as well, when established or not. The four main thematic sessions will be:

- Ethics and Legal Issues and Patients' Rights
- Access Control to Information and Authorisation Management
- Secure Systems Architectures for Health Information Systems
- Ensuring the Security of Web-based Systems and Coping with Mobile Users.

Additional events - For the occasion of the Varenna Conference, IMIA welcomes expression of interest for conference satellite events from associations of patients, companies involved in implementation of (parts of) the EPR, supranational institutions, local and central governments agencies.

Sponsors: IMIA - International Medical Informatics Association; EFMI - European Federation of Medical Informatics; others.



POLITECNICO DI MILANO