

1st RADICAL Expert Workshop

Security and Privacy Challenges in Personalised Healthcare for the 21st Century

Hosted by the Healthgrid Conference 2009

dbb forum berlin, Friedrichstraße 169/170, 10117 Berlin, Germany

29 June 2009, 9:30 – 13:00 h

While the integration of recorded medical and genetic data in distributed databases (i.e. genomic, pathologic, imaging and clinical data) is essential for the technologies and processes within the **Virtual Physiological Human (VPH)** framework, the broad use of personal data gives cause for reconsidering the secure access and comprehensive protection of privacy and choices. The **RADICAL** coordination action aims to develop a **policy roadmap for security and privacy enhancement** in the VPH, taking into consideration the beyond the state-of-the-art research, technology advancements, business and societal needs, ethics and challenges that should be addressed and answered. The RADICAL vision is to create momentum for enlarging the narrow and specific views of ICT and health industries to that of a social vision, where the privacy and security of patient medical and genetic data processed over distributed networks, is a prerequisite embedded in every aspect of the information society and contributes to a common health care infrastructure.

With this workshop RADICAL invites experts from the field and also the wider European audience to reflect on the current state of privacy and security in the VPH and related clinical fields and as well to intensify collaboration in the framework of the VPH-NoE.

Workshop Programme

- 09:30** Introduction by the Workshop Chair:
- Virtual Physiological Human (VPH) and the RADICAL project
- Security and privacy challenges in personalised healthcare for the 21st century
Stephan Schug, RADICAL, EHTEL, Brussels
- 09:45** Introduction by the European Commission
European Commission, DG INFSO (speaker to be confirmed)
- 10:00** eHealth security and privacy analysis: user requirements and application scenarios
Paolo Chini, RADICAL, University of Siena, Italy
- 10:30** Privacy concerns and legal challenges in the context of VPH
Lilian Mitrou, RADICAL, University of the Aegean, Greece

Coffee Break [11:00 - 11:30]

- 11:30** Security & privacy in medical imaging: the case of Scoliosis
Stratos Stylianidis, RADICAL, Geoimaging, Cyprus

- 12:00** Expert Panel: A dialogue with experts from the VPH Community
Moderators: Benita Cox, RADICAL, Imperial College London, UK; Stephan Schug, EHTEL

Panellists:

- *Toni Arbona, @neurIST, Grid Systems SA, Spain*
- *Sharon Lloyd, VPH Network of Excellence, Oxford University, UK*
- *Jörg Freund, Health-e-Child, SIEMENS AG, Germany*
- *Brecht Claerhout, ACGT, Custodix, Belgium*