



CARS 2005 Computer Assisted Radiology and Surgery

19th International Congress and Exhibition

June 22 - 25, 2005 Berlin, Germany



Two special Events jointly organised by CARS and EFMI:

Saturday, June 25, 2005

 Hall 6

CARS / EFMI Joint Workshop on Medical Reference Image Databases and Correlated Software Tools and Technologies for Validation

Session Chairs:

Alexander Horsch, PhD (D)

Pierre Jannin, PhD (F)

14:00 About the first public private partnership for reference image databases, as announced at the RSNA 2004

L.P. Clarke, National Institutes of Health, Bethesda, MD (USA)

14:15 Reference data, validation and certification platforms: the medical imaging supplier's point of view

A. Gupta, Siemens Medical Solutions, Malvern, PA (USA)

14:30 Validating imaging readouts in the drug development process: the pharmaceutical industry's point of view

A. Schmidt, Novartis International AG, Basel (CH)

14:45 The EFMI reference image database initiative: concept, state and related work

A. Horsch, Munich University of Technology (D)

15:00 The need of certified and complete annotation and the need for annotation tools for reference image data-base

Invited Speaker: T. Wittenberg, Fraunhofer Inst. für Integrierte Schaltungen, Erlangen (D)

15:15 CELLENGER automated high content analysis of biomedical imagery

M. Athelougou, Definiens AG, Munich (D)

15:30 GRID enabled workstations for validation and prototyping image processing software and the use of extended databases of test cases

Invited Speaker: A.E. Todd-Pokropek, The Univ. College London (UK)

Saturday, June 25, 2005

 **Hall 6**

Panel on Validation Issues

Session Chairs:

Pierre Jannin, PhD (F)

Alexander Horsch, PhD (D)

Since 2002, the CARS conference has invited international experts to present their vision on validation in medical image processing. The initial objective was to make the medical imaging community aware of validation issues. This year, in conjunction with the EFMI MIP Working Group, we will continue this effort. The second part of the workshop consists of a panel discussion in a different atmosphere, both interactive and informal. The speakers together with the audience will compile a list of requirements and extract priorities concerning validation. An initial list of topics will be defined by the members of the MIP WG. This list will be proposed and submitted to the audience before the workshop. During the panel discussion, we will complete this list and select the more relevant topics. Results will be documented and made available to the CARS and EFMI community.