

**ESP Working Group: Information Technology (IT) in Pathology  
Precongress Meeting, September 4, 2009,  
Grand Hotel Baglioni, Florence, Italy**

**(Coffee Breaks and Lunch are included in the admission fee)**

**Program**

**1. Business Modeling & Informatics Standards, activities of the COST-Action IC0604 (T. Schrader, M. Rojo, & Ch. Daniel)**

*Chair: Schrader, Thomas & Kayser, Gian*

**Time: 8.30 – 10.30**

**8.30 – 8.55: M.C. Rojo (Servicio de Anatomia Patologica, Hospital General de Ciudad Real, Ciudad Real, Spain): BPMN in practice.**

**8.55 – 9.15: M.C. Rojo (Servicio de Anatomia Patologica, Hospital General de Ciudad Real, Ciudad Real, Spain): Experiences of business modeling in the Department of Pathology.**

**9.15 – 9.40: Ch. Daniel (DIH-HEGP-APHP20, Paris, France): Business modeling and standards - the efforts of IHE.**

**9.40 – 10.05: T. Schrader (Institute of Pathology, Charite, Berlin, Germany): Business modeling - roles, rules and methods.**

**10.05 – 10.30: M. Boon (Leiden Cytology and Pathology Laboratory, Leiden, The Netherlands): Quantitation of immunostaining using the coagulant fixative BoonFix.**

**10.30 – 11.00**

**Coffe Break**

**2. Innovative fixation techniques (HOPE) connected with automated image analysis**

*Chair: Vollmer, Ekkehard & Boon, Mathilde*

**Time: 11.00 – 13.00**

**11.00 - 11.25: E. Vollmer, H. Schultz, D. Lang, T. Goldmann (Clinical and Experimental Pathology, Research Center Borstel, Borstel, Germany): Facilities of a novel tissue fixation method: The HOPE technology.**

**11.25 – 11.50 M. Boon (Leiden Cytology and Pathology Laboratory, Leiden, The Netherlands): DNA and RNA preservation using the coagulant fixative BoonFix.**

**11.50 – 12.15: D. Lang, H. Schulz, T. Goldmann, E. Vollmer (Clinical and Experimental Pathology, Research Center Borstel, Borstel, Germany): Improved molecular read-out options via adequate tissue fixation.**

**12.15 – 12.40: D. Kähler, T. Goldmann, K. Kayser, E. Vollmer (Clinical and Experimental Pathology, Research Center Borstel, Borstel, Germany, Institute of Pathology (UICC-TPCC), Charite, Berlin, Germany): Molecular high throughput analyses and automated detection systems.**

**12.40 – 13.00. G. Kayser, E. Vollmer, T. Wiech, S. Seiwert, K. Kayser (Institute of Pathology, University of Freiburg, Freiburg, Germany, Institute of Pathology, Research Center Borstel, Borstel, Germany, Institute of Pathology, University of Zagreb, Zagreb, Croatia, Institute of Pathology (UICC-TPCC), Charite, Berlin, Germany): Mandatory laboratory quality assurance in connection with image acquisition and analysis.**

**13.00 – 14.00**

**Lunch**

### **3. Measurements of image quality and derived standards**

***Chair: Görtler, Jürgen & Yagi, Yukako***

***Time: 14.00 – 16.00***

**14.00 – 14.10: J. Görtler, K. Kayser, Klaus, G. Kayser (IBM, Deep Computing, Amsterdam, The Netherlands, Institute of Pathology (UICC-TPCC), Charite, Berlin, Germany, Institute of Pathology, University of Freiburg, Freiburg, Germany): Standards in Image evaluation, archiving and retrieval.**

**14.10 – 14.20: L. Fonyad (1st Department of Pathology and Experimental Cancer Research, Semmelweis University, Budapest, Hungary): Gradual training and examination based on virtual microscopy and internet**

**14.20 – 14.30: K. Miller, (London College, London, UK): Quality control networks in immunohistochemistry using virtual microscopy**

**14.30 – 14.50: K. Kayser, J. Görtler, G. Kayser (Institute of Pathology (UICC-TPCC), Charite, Berlin, Germany, IBM, Deep Computing, Amsterdam, The Netherlands, Institute of Pathology, University of Freiburg, Freiburg, Germany): Image standardization in tissue – based diagnosis.**

**14.50 – 15.10: I. Jorma, T. Vilppu (Institute of Medical Technology, University Tampere, Tampere, Finland): JPEG2000 standard in virtual microscopy.**

**15.10 – 15.30: G. Kayser, J. Görtler, M. Werner, K. Kayser (Institute of Pathology, University of Freiburg, Freiburg, Germany, IBM, Deep Computing, Amsterdam, The Netherlands, Institute of Pathology (UICC-TPCC), Charite, Berlin, Germany): Standards in virtual microscopy: from tissue processing to image acquisition and visualization.**

**15.30 – 15.50: M. Boon (Leiden Cytology and Pathology Laboratory, Leiden, The Netherlands): Microscopy (including immunostaining): discussion of clinical cases in cervical pathology and dermatopathology.**

**15.50 – 16.00: A. Kiss (2nd Department of Pathology, Semmelweis University, Budapest, Hungary): Postgradual training and digital case teleseminars**

**16.00 – 16.30**

***Coffee Break***

#### **4. Workshop: Telemedicine and teleteaching in practice**

***Organized and chaired by: Oberholzer, Martin & Haroske, Gunter***

***Time: 16.30 – 18.30***