

**Thursday 8<sup>th</sup> October 2009  
Session 1**

**IR and Raman Spectroscopy**

**Chairman: Koen Janssens**

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09h 00 Registration of participants,  
coffee

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09h 45 *Welcome*  
H. De Clercq (IRPA/KIK)

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10h 00 ***Infrared and Raman based  
imaging & analysis***

C. Miliani (Università di Perugia)

10h 50 *Archaeometry: where  
spectroscopy meets art and  
archaeology*

P. Vandenberghe (UG)

11 h 20 *Recent developments of IBIL on  
gemstones*

H. Calvo del Castillo (ULg)

11h 50 *Direct analysis of the central  
panel of the 'Wyts triptych'.*

A. Deneckere (UG)

12h 10 *The identification of Russian  
avant-garde forgeries by micro-  
Raman spectroscopy.*

S. Saverwyns (IRPA/KIK)

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12h 30 – 14h 00 Lunch

**Thursday 8<sup>th</sup> October 2009  
Session 2**

**X-ray based methods**

**Chairman: Laszlo Vincze**

14h 00 ***Setting-up of the IPANEMA  
"ancient material" platform and  
recent research performed at  
SOLEIL***

L. Bertrand (SOLEIL, Gif-sur-Yvette)

14h 50 *X-ray tomography of building  
materials. Case study:*

*Maagdentoren, Zichem*

H. De Clercq (IRPA/KIK)

V. Cnudde (UG)

15h 10 *Degradation of vermilion in "The  
Annunciation of the Kings" by P.P.  
Rubens – preliminary findings*

K. Janssens,

G. Van der Snickt (UA)

15h 30 coffee

16h 00 *X-ray Fluorescence of the Anjou  
Bible*

M. Van Bos (IRPA/KIK)

16h 20 *Quantification of the pigment-to-  
binding media in paint cross-  
sections by simultaneous PIXE-RBS.*

L. Beck (C2RMF)

16h 40 *Case studies of pigment analysis in  
Spain by mobile XRF and colorimetry*

F.-P. Hocquet (ULg)

17h 00 *Analytical investigation of  
Merovingian glass workshops in Huy*

H. Wouters (IRPA/KIK)

**Friday 9<sup>th</sup> October 2009  
Session 3**

**Rembrandt's technique**

**Chairman: David Striay**

09h 30 coffee

***Rembrandt's painting materials  
and technique***

E. Van de Wetering (Rembrandt  
Research Project )

10h 50 *Optimization of portable equipment  
for scanning macro-XRF for non  
destructive elemental imaging of  
paintings*

M. Alfeld, K. Janssens (UA) J.  
Dik(TU Delft)

11h 10 ***Interdisciplinary Study of  
Rembrandt's 'Portrait of  
Nicolaes van Bambeeck at IRPA***

11h10 *\*Introduction, restoration and study  
(informal poster presentation)*

F. Rosier, H. Dubois (IRPA/KIK)

11h30 *Laboratory approach:*

*\* Multianalytical study of paint and  
ground layers*

J. Sanyova (IRPA/KIK)

*\* Imaging by High resolution  
ToF SIMS on paint cross-section*

P. Richardin (C2RMF)

*\* Proteomic approach applied on  
the ground layers*

W. Fremout (IRPA/KIK)

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12.30 - 14.00h Lunch

14h 00 **Visit of IRPA/KIK**