

## REGISTRATION

Please send the registration by fax or e-mail to:

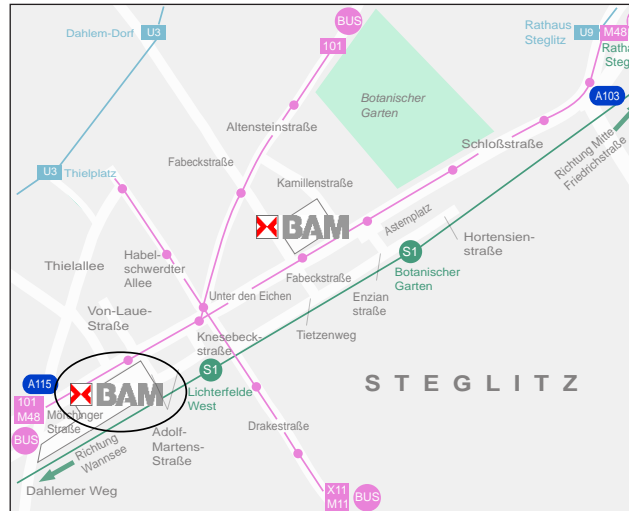
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**Deadline: 15 Oktober 2010**

Workshop fee: 20,00 EUR  
(Coffee breaks, visit to the New Museum)

Lunch can be taken in staff canteen (self payer)

## How to find BAM



BAM Federal Institute for Materials Research  
and Testing  
Unter den Eichen 87  
12205 Berlin  
Germany  
Conference room: House 5, Ludwig-Erhard-Saal

For more information, please visit the homepage  
[www.bam.de/en/ueber\\_uns/wege/wege\\_medien/  
anfahrt\\_ue.pdf](http://www.bam.de/en/ueber_uns/wege/wege_medien/anfahrt_ue.pdf)  
[www.nike.bam.de](http://www.nike.bam.de)



## 4. N.i.Ke.-Workshop

### ARCHAEOLOGY OF THE DEAD SEA SCROLLS

*Khirbet Qumran*



15 November 2010 – 16 November 2010

## Program

### MONDAY 15 NOVEMBER 2010

- 09:00 *Greetings*  
Prof. Dr. Manfred Hennecke (President of the BAM)  
Petra Merkel (MdB)  
Prof. Günther Schauerte (Staatliche Museen zu Berlin)  
Deborah Ben David (Israeli Embassy)
- 10:00 Coffee break and poster session
- 11:00 Dr. Daniel Stoekl Ben Ezra (CNRS, France)  
*Dead Sea Scrolls: the history of the discovery and the importance of provenance studies*
- 11:30 Dr. Ira Rabin (BAM, Israel Forensic Science Institute)  
*The Dead Sea Scrolls Report*
- 12:00 Lunch
- 13:30 Dr. Desmond Durkin-Meisterernst (Berlin-Brandenburgische Akademie der Wissenschaften)  
*Manichaean Codicology*
- 14:00 Dr. Oliver Hahn (BAM)  
*History of ink*
- 14:30 Coffee break
- 15:00 *Visit to the New Museum* (Egyptian Collection)
- 19:00 End

Poster session and equipment exhibition in the foyer.

#### Exhibitors:

Art Innovation, Bruker Nano GmbH,  
RENISHAW GmbH, Lichtblau e.K.

### TUESDAY 16 NOVEMBER 2010

- 09:00 *Greetings*  
Prof. Dr. Anna A. Gorbushina (BAM)
- 09:10 Dr. Peter Lasch (Robert-Koch-Institut, Germany)  
*Collagen type I identification and implication for parchment studies*
- 09:30 Dr. Ulrich Schade (Helmholtz Zentrum Berlin für Materialien und Energie, Germany)  
*SY-based Infrared Spectroscopy studies of Qumran artefacts*
- 09:50 Dr. Marina Bicchieri (ICPAL, Italy)  
*Non destructive identification of tannins on parchment and leather.*
- 10:10 Coffee break and poster session
- 10:50 Dr. Timo Wolff / Dr. Ioanna Mantouvalou (Technical University Berlin, Germany)  
*XRF studies of the fragments from the Reed collection*
- 11:20 Prof. Giuseppe Pappalardo (LANDIS, INFN, Italy)  
*PIXE studies of the Dead Sea Scrolls*
- 11:40 Roman Schütz (BAM, MPI Golm)  
*Parchment of the Temple scroll 11QT<sup>a</sup>*
- 12:00 Lunch
- 13:30 Roberto Padoan (National Archives of the Netherlands)  
*Quantitative Hyperspectral Imaging of the Dead Sea Scrolls*
- 13:50 Dr. Irena Kralj Cigic (University of Ljubljana, Slovenia)  
*Volatile Organic Materials in the display cases of the Dead Sea Scrolls*

- 14:10 Dr. Roald Tagle (Bruker Nano GmbH)  
*Cultural heritage and the latest developments in the XRF spectroscopy*
- 14:30 Dr. Anette Zimmermann / Dr. Thomas Olschewski (RENISHAW GmbH)  
*Raman spectroscopy in cultural heritage*
- 14:50 Dr. Ira Rabin / Dr. Oliver Hahn  
*Concluding remarks*
- 15:10 Prof. Dr. Michael Stone (Hebrew University of Jerusalem, Israel)  
*Outlook*
- 15:30 End

Poster session and equipment exhibition in the foyer.

1 Q Gen. Ap. fragment under investigation

