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AARD 2007

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AARD 2007

Please note: From today on inscription fee 140,00 €

Deutsch-Französische Sommerschule über "Analysis in Art with Radiation"

3.-11.9.2007

Analysis in Art with Radiation AARD 07 (Analyse des oeuvres d'art par rayonnement - Analytik mit Strahlung in der Kunst)

Scope

The aim of the summer school is to bridge research questions and demands originating from our cultural heritage, their historical, geographic, and social background, and problems related to its preservation with analytical tools from natural science available at large facilities most helpful in providing possible answers. It is intended to bring together young scientists, from Ph.D. students to researchers and university lecturers. Besides lectures on the fundamentals of the techniques and the historic and cultural background special courses including the use of computer simulations to illustrate quantitative analysis are planned so that the participants will get a better insight into the problems of actual analysis of objects of our cultural heritage.

Download:

- [Poster](#) (PDF-Datei, 408 KB)

- [Flyer](#) (PDF-Datei, 877 KB)

Important Dates

Deadline for application (with abstract)

~~before June 8th, 2007~~

extended to June 18th, 2007.

Notification of acceptance June 30th, 2007.

Payment of inscription fee before July 15th, 2007. (After that the fee is doubled.)

Chairpersons

H.-E.Mahnke (HMI and FU Berlin), O. Hahn (BAM Berlin), M. Menu (C2RMF-Paris)

Organising Committee

A. Denker, H.-E. Mahnke,

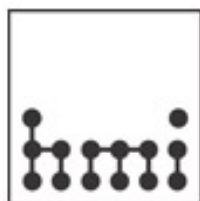
B. Schröder-Smeibidl (HMI),
 O. Hahn (BAM)
 HMI Berlin, Glienicker Straße 100, D-14109 Berlin
www.hmi.de/events/aard/

M. Menu, C2RMF, Palais du Louvre
 14 Quai François Mitterand, F-750901 Paris
www.c2rmf.fr/events/aard/

Local organisation for AARD
 H.-E. Mahnke Tel: ++49 (0) 30-8062-2715
 A. Denker Tel: ++49 (0) 30-8062-2498
 O. Hahn Tel: ++49 (0) 30-81043821

Contact Secretariat for AARD
 AARD 2007
 Hahn-Meitner-Institut Berlin GmbH
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Supported by:
 UFA-DFH Deutsch-französische Hochschule -- Université Franco-Allemande
 Hahn-Meitner-Institut Berlin
 C2RMF UMR 171 du CNRS Paris
 BAM Berlin



Université franco-allemande
Deutsch-Französische Hochschule

Änderung: 16.07.2007
 Verantwortlich: [Heinz-Eberhard Mahnke](#)



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AARD 2007 - Program & Lecturers

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Program

As lectures there will be general review lectures intended as introductory courses into the subjects complemented with lectures on specific actual research topics within the field of analysis in art science, in order to confront the participants with top-level type of investigations. Additionally, practical courses with introductions are planned. On the first full day of the school the participants will introduce themselves with short presentations. The school will be organized in morning sessions, extended luncheon breaks to allow some activities to explore the area which is full of historical background (may also be used for small-group discussions), a late afternoon session (typically for the practical courses), and an after dinner-session.

A general talk on the history and culture of the neighborhood in preparation of an excursion to nearby places of the German Classic and the "Wartburg", a castle near Eisenach will also be included in the program.

The subjects of the lectures will be about (review lectures in italics):

- Fundamental problems and questions in art and cultural studies:
Materials science in art and archaeology, Archaeometallurgy, Metal point drawings, Analysis of ceramics in search of their sources, CT and Egyptian art, Organic artefacts, Corrosion processes, Conservation problems.
M. Menu, C. Herm, E. Pernicka, I. Reiche, S. Berthier, J. Castaing, M. Cotte, D. Wildung, P. Richardin, O. Hahn.
- Analysis with photons:
Fluorescence analysis, X-ray absorption spectroscopy, Infrared spectroscopy
B. Kanngießner, B. Beckhoff, H.-E. Mahnke, M. Cotte.
- Analysis with neutrons:
Radiography, *Tomography*
B. Schröder-Smeibidl, E. Lehmann.

- Analysis with ions:
Proton induced x-ray and gamma-ray emission, Ion beam analysis (RBS, ERDA, and others), *Accelerator mass spectroscopy*
L. Beck, A. Denker, I. Vickridge, W. Kutschera.
- Practical lectures (with portable instruments and simulations on computers)
X-ray fluorescence, Proton induced x-ray emission, ion beam analysis (e.g. RBS)
O. Hahn, B. Beckhoff, L. Beck/A. Denker, I. Vickridge.

A Book of Summaries of the lectures with representative references for each lecture will be made available at the beginning of the school.

Lecturers

Lucile Beck (C2RMF, Paris)
Burkhard Beckhoff (PTB Berlin)
Serge Berthier (INSP Uni 6&7, Paris)
Jacques Castaing (C2RMF, Paris)
Marine Cotte (ESRF Grenoble)
Andrea Denker (HMI Berlin)
Oliver Hahn (BAM Berlin)
Christoph Herm (HfBK Dresden)
Birgit Kanngießner (TU Berlin)
Walter Kutschera (Uni Wien, Austria)
Eberhard Lehmann (PSI Villigen, Switzerland)
Heinz-Eberhard Mahnke (HMI and FU Berlin)
Michel Menu (C2RMF, Paris)
Ernst Pernicka (Uni Tübingen/ Mannheim)
Ina Reiche (C2RMF, Paris)
Pascale Richardin (C2RMF, Paris)
Birgit Schröder-Smeibidl (HMI Berlin)
Ian Vickridge (Universität Jussieu, Paris)
Dietrich Wildung (SPK and FU Berlin)

Änderung: 23.05.2007

Verantwortlich: [Heinz-Eberhard Mahnke](#)



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AARD 2007 - Application & Inscription

Deutsch-Französische Sommerschule über "Analysis in Art with Radiation"

3.-11.9.2007

Application

The school is open for young scientists, from Ph.D. students to researchers and lecturers, not necessarily already working in the field but interested in the interdisciplinary subjects of this school. We expect an active participation and contribution to the school. Therefore, we ask to submit by email, together with the application, a 1-page camera-(print-)ready abstract (style Times New Roman, 12pts, 1.5-line spacing, pdf or word-document) describing the work the applicant is presently active in, as a base for acceptance to the school. The abstract does not necessarily have to be already on a topic in archaeology, archaeometry or related subjects. If, however, the abstract summarizes a work within the scope of the school we will include the abstract in the Book of Summaries and encourage accepted applicants to prepare a poster for a special poster session during the school.

The participation at the summer school is by application only due to the limited number of approximately 40 participants. Although it is a German-French summer school, application is open to other nationalities as well. The deadline for application is June 8th, 2007. Use the form available as pdf-file on the web-page and send by letter, fax, or send an email before the deadline. In your application, give family name, first name, title/position, affiliation, address, phone/fax/e-mail, title of the abstract, and mark if you ask for financial support.

Notification of acceptance will be not later than June 30th, 2007.

Inscription

After notification of acceptance the **inscription fee of 140.- Euro** has to be paid to the following bank account

Recipient:

Hahn-Meitner-Institut
Glienicke Str. 100
D-14109 Berlin, Germany
ref: AARD2007-300474

Account Number: 1050 0040 07

Bank Name: Berliner Sparkasse
Bank Code: 10050000
IBAN: DE431005 0000 1050 0040 07
BIC: BELADEBE

The costs for accommodation and half-board (8 days) are 350.- Euro payable at the school site.

Important: Financial support (for lodging, inscription fee, and in part for travel) can be granted based on the application (letter of recommendation, CV) (please check the box on the return form). The support may include a refund of the inscription fee during the school. We expect to be able to financially support a large number of participants.

Änderung: 16.07.2007
Verantwortlich: [Heinz-Eberhard Mahnke](#)



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AARD 2007 - School Site

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School Site

The school takes place in a hotel with various possibilities for sports activities including a tennis court. More information under

Sporthotel Mühlhausen

Kasseler Str. 5

D-99974 Mühlhausen (Thüringen, Deutschland)

www.sporthotel-muehlhausen.de.

Mühlhausen is located in the center of Germany in the state of Thuringia, not far from the sites of the German Classic. During the time of the reformation in the 16th century it was the center of the peasant's war with the radical priest Thomas Müntzer (from Mühlhausen, an illustration is on the poster) being one of the leading figures.

Mühlhausen is reached by local trains from Gotha and Erfurt which are connected to major cities in Germany (see www.engl.muehlhausen.de/).

Änderung: 23.05.2007

Verantwortlich: Heinz-Eberhard Mahnke



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AARD 2007 - Future conference

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Please note that the 9th International Conference ART2008 on "Non-destructive testing, microanalysis and preservation in the conservation of cultural and environmental heritage" will be held in Jerusalem, Israel, May 25-30, 2008.

For details see
www.isas.co.il/art2008

Änderung: 23.05.2007
Verantwortlich: Heinz-Eberhard Mahnke

