

## Modern Earth Building 2005

International Conference

18 to 20 November 2005

To enhance the international co-operation and the transfer of knowledge about earth construction, Umbra GmbH organizes the international conference Modern Earth Building 2005 in Berlin. The aim of the conference is the idea of working together and learning from one another in an international context.

The business field of earth building products is increasing in the last years and new technological developments can be presented. First steps of certification of earth plasters with the new European label for sustainable building products "natureplus" are done.

In a basic lecture about earth plasters you will be informed about their characteristics and changes caused by additions, handling and surface treatment. The process and the requests to get the seal of quality "natureplus" for earth plaster will be explained. The decision to use earth building products in the new office of the Federal Environmental Agency in Dessau emphasize the sustainable aspects for the future development.

Furthermore you will be informed about new products and technical developments and get a widespread knowledge about modern earth building.

On the exhibitions you will have the possibility to be informed about new modern earthen architecture.

**We welcome you on the conference in Berlin!**

**Umbra Umwelt- und Unternehmensberatung GmbH**

Photo:

Egon Hanfstingl, Amsterdam

Design:

ViperMedia, [www.vipermedia.de](http://www.vipermedia.de)

## Modern Earth Building 2005

International Conference

18 to 20 November 2005

### Organizer:

Umbra GmbH  
Rigaer Straße 29A  
10247 Berlin  
Telefon 030 - 61 62 55 48  
Telefax 030 - 61 62 55 49  
[info@moderner-lehmbau.com](mailto:info@moderner-lehmbau.com)

### Location of the

**conference:**  
Umweltforum Berlin  
Auferstehungskirche  
Pufendorfstraße 11  
10249 Berlin  
Telefon 030 - 41 72 420

[www.moderner-lehmbau.com](http://www.moderner-lehmbau.com)



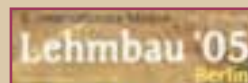
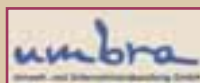
### An event of

Umbra Umwelt- und Unternehmensberatung GmbH

### in Co-operation with

Umweltforum Berlin Auferstehungskirche GmbH und  
PROFAIR Consult + Project GmbH

With support of [www.chieffinish.de](http://www.chieffinish.de)



# Modern Earth Building 2005



## International Conference

18 to 20 November 2005 in Berlin

# Modern Earth Building 2005

## International Conference

18 to 20 November 2005

## Umweltforum Berlin Auferstehungskirche

### Friday, 18 November 2005

9.00 a.m. **Admission**

9.15 a.m. **Opening**

Christian Guroł, Managing Director, Umbra GmbH, Berlin

Peter Steingass, Project Manager, Umbra GmbH, Berlin

## Earth Building and preservation of ancient monuments

9.30 a.m. **Failures of clay buildings in the Czech Republic**

Dr. Ivana Zabickova – BUT Brno, Czech Republic

10.00 a.m. **Rehabilitation of earth buildings in Saxony/Thuringia –**

**Experiences and perceptions about preservation of ancient monuments**

Eckhard Beuchel – Lehmbauzentrum Blankenhain, Germany

10.30 a.m. **Housing and Cooperation – Cátedra UNESCO**

Sandra Bestraten and Emilio Hormias, Universitat Politechnica de Catalunya, Barcelona, Spain

11.00 a.m. **Pause**

## Healthy living with earth

11.30 a.m. **Ecological construction or healthy living?**

Baron Dietrich von der Ropp, doctor, Peissen, Germany

12.00 a.m. **Vaastu Architecture: Incorporating Nature's Healing**

**Cosmic Energies in Natural Buildings**

Michael Borden, Architect, Fairfield (Iowa), USA

12.30 p.m. **Lunch break**

## Innovation Earth Building – New Projects

2.00 p.m. **Dividing wall with clay in office construction –**

**The federal agency of environment in Dessau**

Andrew Kiel, sauerbruch hutton architects, Berlin, Germany

2.30 p.m. **Raw earth architecture in Italy between tradition**

**and actuality**

Barbara Narici, Architect, Milan, Italy

3.00 p.m. **The “soul” of the building – Rammed earth wall**

Jörg Depta, LehmBauWerk GbR, Berlin, Germany

3.30 p.m. **New earth building in northern India Himalaya –**

**Solar Town Ladakh**

Dr. Andrea Rieger-Jandl, Technical University Vienna,

Austria

4.00 p.m. **Earth Building projects of “IG Lehm” – association Switzerland**

Rainer Hettenbach and Ralph Künzler, IG Lehm, Basel,

Switzerland

4.30 p.m. **New earthen buildings in Brazil**

Maria Alvarenga, Architect, Belo Horizonte, Brazil

5.00 p.m. **Closing discussion**

5.30 p.m. **Frame program**

### Saturday, 19 November 2005

9.15 a.m. **Admission**

## Material characteristics of loam

9.30 a.m. **Innovative constructions in rammed earth –**

**Material characteristics and technical aspects**

Dr. Christof Ziegert, Ziegert Roswag Seiler

Architekten + Ingenieure, Berlin, Germany

10.00 a.m. **Compressed Earth Blocks reinforced with natural fibres**

Saul Namango, Moi University, Eldoret, Kenya

10.30 a.m. **Basic lecture: Earth plasters – their characteristics and**

**changes caused by additions, handling and surface treatment**

**Quality symbol „natureplus“ for earth plaster**

Prof. Dr. Gernot Minke, University of Kassel, Germany

11.30 a.m. **Pause**

## Earth plaster and design

12.00 a.m. **Art in the architecture – Natural surfaces and colours**

Manfred Fahnert, Lehmkunst, Mehren, Germany

12.30 p.m. **Observe – Recognize – Design**

Daniel Duchert, Architect, Berlin, Germany

1.00 p.m. **Lunch break**

2.30 p.m. **The aesthetics of earth plasters**

Carl Giskes, Leembouw Nederland, Amsterdam, Netherlands

## Future developments in Earth Building

3.00 p.m. **Rammed Earth in the UK: recent developments and future prospects**

Dr. Peter Walker, University of Bath, England

3.30 p.m. **Transformation of the qualification „Specialist for Building with Earth” in a nationwide structure**

Ulrich Röhlen, Dachverband Lehm e.V., Weimar, Germany

4.00 p.m. **Conceptual approaches to earth buildings**

Dr. Arbabian and S. Khoshbakht, School of Architecture

IUST, Teheran, Iran

4.30 p.m. **Closing discussion**

5.30 p.m. **End of the conference**

### Sunday, 20 November 2005

Excursions (10.00 a.m. to 3.00 p.m.)

**I „Makunaima 2005“ – Creativity in Earth Building**

Leader: Rainer Warzecha, Interglotz Visionen, Berlin

**II The “soul” of the building - 32 meter rammed earth wall**

Leader: Jörg Depta, LehmBauWerk GbR, Berlin

**III Earth Building and Vaastu Architecture - Family house in Liepe**

Leader: Michael Nothhelfer, Architect, Überlingen

**IV Earth Plasters in public housing – The ACUD cinema**

Leader: Dagmar Kaczor, ACUD, Berlin

## Conference Admission fee normal reduced\*

Three-day-ticket 250 EUR 175 EUR

Day-ticket 18-11-05 135 EUR 100 EUR

Day-ticket 19-11-05 135 EUR 100 EUR

Excursion 20-11-05 30 EUR 25 EUR

\* Students, pensioners and the unemployed (with valid card only!)

**Profit from our early payment discount! If you pay until 15 August 2005**

**you get a discount of 30 EURO (not valid for excursions). All prices**

**for three-day and day-tickets including conference reader, pause drink**

**and midday snack. The quoted prices include the statutory value added**

**tax and are in Euro. The programme has been thoroughly elaborated,**

**but it is subject to change without prior notice. Conference languages:**

**English and German. The lectures will be translated simultaneously.**

## Application deadline: 20 October 2005