



MOisture detection in historic MAsonry

4th june 2018

Location:

Aula Rogers
Politecnico di Milano
via Ampere, 2 - Milano

h. 8.30 (Registration)

2nd Conference

Scientific Committee

Elisabetta Rosina
Politecnico di Milano, ABC Dept.
Antonio Sansonetti
ICVBC CNR
Nicola Ludwig
Università degli Studi di Milano,
Physics Dept.

Elisa Franzoni
Università degli Studi di Bologna,
Dept. of Engineering
Cristiano Riminesi
ICVBC CNR
Barbara Lubelli
CNR - ISAC
Dario Camuffo
CNR - ISAC

The participation at the conference guarantees to earn 8 credits (CFP), recognized by Ordine degli Architetti.



ORDINE DEGLI ARCHITETTI,
PIANIFICATORI, PAESAGGISTI E CONSERVATORI
DELLA PROVINCIA DI MILANO

8.30 Registration

MORNING SESSION 9.00 - 13.00

9.15 - Welcome, *Manuela Grecchi, Marco Realini*

9.30 - Introduction, *Elisabetta Rosina*

Chairperson: *Antonio Sansonetti*

9.45 - *Elisa Franzoni* Università di Bologna: **State of the art on methods for reducing rising damp in masonry**

10.15 - *Dario Camuffo* CNR-ISAC: **Standardization activity in the evaluation of moisture content**

10.45 - *Barbara Lubelli* Delft University of Technology, Faculty of Architecture: **Effectiveness of methods against rising damp in buildings: the EMERISDA project**

11.15 Coffee break

Chairperson: *Barbara Lubelli*

11.30 - *Yves Vanhellemont* Belgian Building Research Institute BBRI: **Are electrokinetic methods suitable for the treatment of rising damp?**

12.00 - *Alessandra Bonazza* CNR-ISAC: **Efficiency evaluation of treatments against rising damp by scale models and test in situ**

12.30 - *Nicola Ludwig* UNIMI Dep. Physics: **Does electro osmosis work in moisture damage prevent? New optical non invasive method monitoring and problems connected with experimental measurements**

13.00 Lunch break

AFTERNOON SESSION 14.30 - 18.00

Chairperson: *Nicola Ludwig*

14.30 - *Cristiano Riminesi* ICVBC CNR: **Assessment of the effectiveness of a dehumidification system operating by emission of electromagnetic fields**

15.00 - *Robert van Hees* Delft University of Technology, Faculty of Architecture: **New test methods to assess potential of chemical injections in case of rising damp**

15.30 - *Isabel Torres* University of Coimbra, Civil Engineering Dept.: **New technique for treating rising damp in historical buildings: wall base ventilation**

16.00 Coffee break

Chairperson: *Elisa Franzoni*

16.30 - *Rita Vecchiattini* Università degli Studi di Genova: **Moisture monitoring experiences in the old town of Genoa (It)**

17.00 - *Elisabetta Rosina* Politecnico di Milano, ABC Dept.: **When and how to reduce moisture content for the conservation of historic building. A problem solving view or monitoring approach?**

Round Table: 17.30

Chairperson: *Stefano Della Torre*