

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

CNR - ISAC

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

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



ORDINE DEGLI ARCHITETTI, PIANIFICATORI, PAESAGGISTI E CONSERVATORI 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

14.30 - 18.00 AFTERNOON SESSION

Chairperson: Nicola Ludwig

14.30 - Cristiano Riminesi ICVBC CNR: Assestment 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 redure moisture content for the conservation of historic building. A problem solving view or monitoring approach?

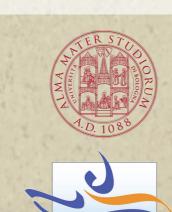
Round Table: 17.30

Chairperson: Stefano Della Torre









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