

EWCHP-2013

EWCHP-2013
3rd European Workshop
on Cultural Heritage Preservation
Bozen / Bolzano, Italy, September 16 to 18, 2013

www.3encult.eu/en/ewchp



AFTERNOON SESSION 13:00 - 16:00

Indoor air quality monitoring

Coordinators: Jürgen Frick, Markus Krüger

The workshop presents results of the EU-FP7 project CETIEB “Cost-Effective Tools for Better Indoor Environment in Retrofitted Energy Efficient Buildings” (www.cetieb.eu), which aims to develop innovative solutions for better monitoring indoor environment quality and to investigate active and passive systems for improving it. The focus lies on results which are relevant for the use in cultural heritage buildings.

Programme:

2 or 3 introductory presentations regarding the following fields: (~ 45 min)

- General project introduction
- VOC measurements
- Illumination sensors
- Thermal comfort detection
- Lightweight mineral plasters for thermal insulation, thermal storage and photocatalytic VOC removal
- Case studies

The developed monitoring system and sensors as well as the lightweight materials will be demonstrated. (~ 30 min)

Discussion of potential applications in the field of cultural heritage. Special interest will be the comparison with results of other projects (e.g. 3ENCULT case study in Innsbruck, Austria: Monumental School, tbc) (~ 45 min)

Conclusion – summary by organizers (~ 10 min)

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