

# INTERNATIONAL SUMMER SCHOOL

# ENVI MAT 2017

27<sup>th</sup>-29<sup>th</sup> June, Budapest University of Technology and Economics, Hungary

## ENVIRONMENT - MATERIAL INTERACTION

Preventive conservation of built heritage and industrial archaeology

The School will combine understanding of the impact of pollution and climate change on the built heritage, discussing also the materials used in Industrial Heritage buildings with field examples of architectural development of the largest historic European brewery complex.

**Addressed to:** scientists, architects, engineers, archaeologists, site curators, Cultural Heritage managers, conservators, restorers, graduate students and post-doctoral fellows (participants will be admitted to the Summer School after evaluation of their curriculum vitae).

### Topics:

- Long term changes in climate and air pollution and their effects on building facades
- Vulnerability of Cultural Heritage
- Stone, mortar and plaster: characterization and provenance
- Deterioration processes and diagnosis
- Moisture and salts in heritage structures (practical)
- Adaptation strategies for archaeological sites
- Industrial heritage: materials and architectural development
- Historic breweries and underground limestone quarries below (site visit)
- Architectural heritage and materials of Budapest (guided tour)

The conference is designed to provide an informal and interactive environment between students and lecturers and will also include interactive sessions, practical and field studies.

The lecturers, hand-picked from the international arena, are world renowned experts in building materials and their interactions with the environment, including pollution and climate change.



Official web site: [www.envimat.it](http://www.envimat.it)

Information and registration form: [www.engineeringgeology.bme.hu/envimat2017](http://www.engineeringgeology.bme.hu/envimat2017)



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