



European Chemistry Thematic Network

Working Group on Chemistry and Cultural Heritage

Annual Report

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Residential Summer School 2006

The summer school will take place in the Aristotle University of Thessaloniki, Greece.

It is addressing 2nd and/or 3rd cycle chemistry students interested in conservation science, e.g. wishing to acquire a solid knowledge on the ways natural & material sciences are applied in the safeguarding & authentication of material heritage.

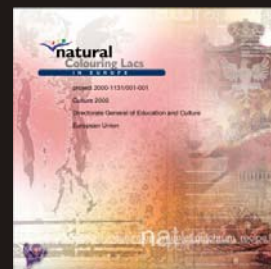
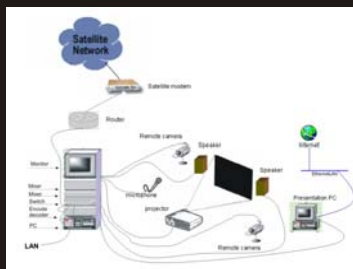
A multinational team of experts from Erasmus and Tempus countries will deliver theoretical and laboratory lectures on important aspects of the topic, covering both basic information and research case studies.



Joint e-Courses on Chemistry Applied in Cultural Heritage Preservation

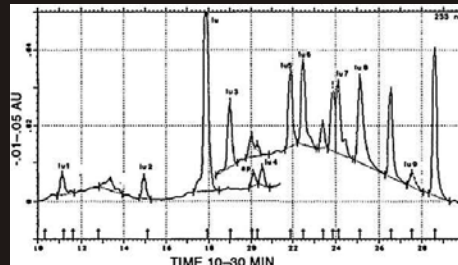
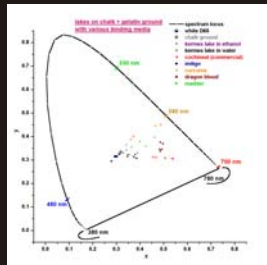
Several types of e-courses using synchronized video lectures and power point presentations in a web technology platform are being developed. The courses are directed to science students interested in applying chemistry in the conservation of cultural heritage; and dealing with the most important milestones in chemistry, as they are reflected in the materials and techniques used by ancient craftsmen and artists.

Course modules are now available under <http://chemistry-heritage.chem.auth.gr>.



Comparison of 2nd Cycle Curricula on Conservation Science

The Working Group undertook the compilation and comparison of a large number of European second cycle curricula on Conservation Science. A proposal, responding the requisites of European universities, has been designed.



Proposed 2nd Cycle Curriculum on Conservation Science

1st Semester

Humanities	08	ECTS Credits
General Concepts	28	

2nd Semester

Materials	12
Technology	08
Investigations I	04

3rd Semester

Investigations II	10
Conservation	16

4th Semester

Laboratory Placement	14
Dissertation	20

Total	120
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Joint Projects & Applications

Working Group members are collaborating in INCOMED, EUROMED, Culture 2000, and bilateral projects on conservation science. They have further applied for Tempus, Erasmus Mundus, and e-learning joint educational activities.

The Working group is cooperating with the EuCheMS Working Party on History of Chemistry.



