INTERNATIONAL SCHOOL OF MOLECULAR AND STRUCTURAL ARCHAEOLOGY

2nd Course: HOW DID SOLID-SOLID TRANSFORMATIONS OCCUR?

In memory of Hubert Curien

ERICE-SICILY: 2 - 6 JUNE 2006

Sponsored by the: • Italian Ministry of Education, University and Scientific Research • Sicilian Regional Government • University of Palermo • European Integrated Infrastructure Eu-Artech • Association for the Recherche sur les Collections des Musées • Institut fédératif Sciences chimiques pour l'analyse et la mesure de Paris

PROGRAMME AND LECTURERS

Microstructural analysis of inorganic solids
Long term conservation of organic materials
Crystal growth and crystallinity degradation
Nondestructive analysis and testing
Synchrotron Radiation, Ion Beam Methods
Biomolecular methods
Kinetic factors and time scaling
Complexity, Symmetry, Structure

• Y. ADDA, C2RMF, Paris, F
• C. CAMATORE, Academia des Sciences, Paris, F
• M. ANNE, CNRS, Grenoble, F
• G. ARTIOLI, University of Milan, I
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• G. FILARDO, University of Palermo, I
• P. GARSIDE, University of Southampton, UK
• A. GIANONCELLI, C2RMF, Paris, France
• I. HARGITTAI, Academy of Science, Budapest, H
• M. HARGITTAI, Academy of Science, Budapest, H
• J.-L. HODEAU, CNRS, Grenoble, F
• J.-P. JOLIVET, University of Paris, F
• J. LIPKOWSKI, Academy of Science, Warsaw, PL
• J. LOJEWSKA, University of Krakow, PL
• M. MENU, C2RMF, Paris, F
• M. MULLER, University of Kiel, Germany, D
• L. RIVA DI SANSEVERINO, University of Bologna, I
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• J.-P. SAUVAGE, Académie des Sciences, Strasbourg, F
• P. SPADON, University of Padova, I
• D. STRIVAY, University of Liège, B
• M. STUKE, University of Göttingen, D
• J. SUSINI, ESRF, Grenoble, F
• G. TSOUCARIS, C2RMF, Paris, F
• M. VENDRELL-SAZ, University of Barcelona, E
• Ph. WALTER, C2RMF, Paris, F
• E. WELCOMME, C2RMF, Paris, F
• A. ZICHICHI, CERN and University of Bologna, I

POETIC TOUCH

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history — i.e. the recording of events in a methodical and chronological sequence as they really happened without reference to mythical causes — the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.) said: «After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and as they settled near the border with the Sicarians all together they were named Elymi: their towns were Segesta and Erice.» This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchise, by his son Enea, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian), and Selinunte (Greek). On the Aegadian Islands — theatre of the decisive naval battle of the first Punic War (264-241 B.C.) — suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Faviganna, the carvings and murals of Levanzo. Splendid beaches are to be found at San Vito Lo Capo, Scopello, and Cornino, and a wild and rocky coast around Monte Cofano: all at less than one hour’s drive from Erice.

More information about the «Ettore Majorana» Foundation and Centre for Scientific Culture can be found on the WWW at the following address: http://www.ccsem.infn.it

PLEASE NOTE

Participants must arrive on June 2, not later than 7 pm.