



AERC 2006

Hersonissos, Crete, Greece

April 27-29, 2006

Short courses

I. Multi-scale modeling methodologies: April 26, 2006

K. Kremer, M. Laso, H-C. Oettinger, D. N. Theodorou

II. Interfacial rheology and applications: April 25-26, 2006

G. G. Fuller, A. Kraynik, J. Vermant

Organizing committee:

D. Vlassopoulos, chair
G. Georgiou, co-chair
A. Alexandrou
A. Gotsis
S. Hatzikiriakos
V. Mavrantzas
E. Mitsoulis
G. Petekidis
J. Tsamopoulos
C. Tsenoglou

Organized by

FORTH
University of Crete
University of Cyprus
HSR

Symposia / organizers: (keynote in green)

1. Suspensions and colloids J. Vermant
H. T. M. van den Ende, N. J. Wagner
2. Blends, copolymers and nanocomposites C. Friedrich
P. Moldenaers, I. Emri
3. Flow-induced phase transitions and instabilities P. Olmsted
N. El Kissi, P. L. Maffettone
4. Liquid crystals, polyelectrolytes and associating fluids M. Gottlieb
N. Grizzuti, V. Kulichikhin
5. Biopolymers, biorheology and food rheology F. Baaijens
T. Gisler, C. Gallegos
6. Viscoplasticity, Granular flows and jamming A. Ajdari
M. Cloitre, M. E. Cates
7. Rheometry and beyond: advanced experimental methods P. T. Callaghan
N. Willenbacher, O. Hassager
8. Entanglements, viscoelasticity and microstructural modelling F. Greco
C. Bailly, A. Likhtman
9. Non-Newtonian fluid mechanics, turbulence and processing S. J. Lee
H. Meijer, M. Webster
10. Interfacial phenomena, surfactants and foams
L. Ramos, P. Fischer

Plenary:

J. F. Brady

R. Colby

J. Dhont

F. McKintosh

T. McLeish

P. J. Oliveira

Hersonissos, Crete

The Conference will be held at the Creta Maris hotel and Conference Center, in Hersonissos, Crete.

Crete, the third largest island in Mediterranean sea, was the center of the Minoan civilization, which flourished at about 2000 B.C. There are many archaeological sites throughout the island, with the palace of Knossos (7 km south of the city of Heraklion) Heraklion is the major city in the island, an important commercial center and a premiere center for higher education and research in Greece.

Hersonissos keeps the name of the ancient city that was located in the place where the harbour of Hersonisos is today. The village of Old Hersonisos, located within a small distance to the south was built due to the fear of the pirates, that forced the inhabitants of the village to move in the inland.

Today, Hersonissos is a busy resort village offering many attractions, including historical sites, beautiful beaches and traditional Cretan cuisine. .

HOW TO REACH HERAKLION

Heraklion is directly connected to Eleftherios Venizelos International Airport of Athens with about 10 domestic flights daily run by [Olympic Airways](#) and [Aegean Airlines](#). There are also direct scheduled airline connections from major European cities (e.g., Frankfurt, Amsterdam) as well as many charter flights from most European countries.

Alternatively, one can use the ferry-boat connecting Heraklion with the harbour of Piraeus (Athens). Connection is offered by [Minoan Lines](#) or [ANEK Lines](#) and the pleasant overnight trip takes about 8 hours.

HOW TO REACH HERSONISSOS AND THE CONFERENCE HOTEL

Hersonissos is about 25 km east of Heraklion airport or harbour. Transportation to the Conference site is possible by:

Taxi:

The approximate fare from Heraklion Airport is 20 euros. Extra charge is applied for luggage (about 1 euro/piece).

Public bus to Hersonissos (KTEL): Public Bus Service on the half hour from the airport exit. Last bus to Hersonissos departs at 21:30. Price: 2.20 euros.

Journey time: about 45 min. The Public Bus Station is located across the Harbor. From there buses depart to Hersonissos every half hour.

Objectives and structure

The aim of AERC 2006 is to contribute to the advancement of Rheology by bringing together interested researchers from Europe and the rest of the world in a meeting aimed at bridging traditional themes with modern trends. The focus is the presentation of high-quality scientific works in a format that encourages lively discussions for the promotion of knowledge.

Following the tradition of European Rheology meetings, AERC 2006 will be a 3-day conference split into Symposia that reflect mainstream of developing areas of Rheology. Each symposium will have chairpersons whose responsibility is to organize the scientific program. The organizing committee is in charge of the local arrangements as well as the overall programme, which will consist of plenary and keynote speakers, oral (in 5 parallel sessions) and poster presentations. Abstract submission and registration will be done electronically via the web.

In conjunction with the AERC 2006, two short courses will take place in the same hotel, one on multi-scale modeling methodologies and another one on interfacial rheology and applications. Relevant details will be available from the web.