



Technion-Israel Institute of Technology

INSTITUTE OF ADVANCED STUDIES IN MATHEMATICS

International Workshop

of the

הקרון הלאומית למדע

מיסודה של האקדמיה הלאומית הישראלית למדעים

ISRAEL SCIENCE FOUNDATION

founded by the Israel Academy of Sciences and Humanities

on

Surface Phenomena and Free Surface Flows

16-21 December, 2001

Technion, Haifa, Israel

with support from the

Minerva Center for Nonlinear Physics of Complex Systems

and the

Institute of Theoretical Physics at the Technion

The main topics of the conference are: motion and stability of contact lines, wetting, and fluid dynamics of thin films. Those are rapidly developing areas of research that have shown tremendous potential in generating new scientific phenomena for study and great benefits to the practical engineering community by using fundamentals to explain otherwise unexplained observation in the processing of materials and the transport of heat/mass in small-scale systems. The Workshop will provide an opportunity for the experts in this field to meet and discuss recent advances in these subjects as well as directions for future developments.

The following invited speakers have agreed to participate: E. Aurell (Sweden), M. Bestehorn (Germany), D. Beysens (France), T. Blake (UK), M. Cole (USA), S. Davis (USA), J. De Coninck (Belgium), J.-C. Legros (Belgium), A. Neimark (USA), A. Sharma (India), Y. Shikhmurzaev (UK), A. Thess (Germany), Y. Tovbin (Russia), S. Troian (USA), M. Velarde (Spain). In addition, the following Israeli participants will give talks: S. Lipson, A. Marmor, A. Nir, A. Oron, L.M. Pismen.

Scientific Committee : Manuel Velarde (Universidad Complutense, Madrid, Spain), Yves Pomeau (Ecole Normal Supérieur, Paris, France), Terry Blake (Kodak European R & D, U.K.), Jean-Claude Legros (Free University of Brussels, Belgium), Stephen Davis (Northwestern University, Evanston, Illinois, U.S.A.)

Organizing Committee: Leonid Pismen (Department of Chemical Engineering), Alexander Golovin (Department of Chemical Engineering), Steven Lipson (Department of Physics), Alexander Nepomnyashchy (Department of Mathematics),

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Registration:

The registration deadline is 20 October, 2001. Please make every effort to mail your form in time to ensure that it reaches us before that date. The workshop will commence on the morning of Sunday, 16 December, 2001, so participants should reach Haifa by Saturday, 15 December, and will end on Friday morning, 21 December. There will be a \$50 registration fee payable at the registration desk on the opening day of the workshop.

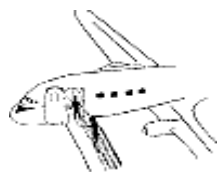
Talks - Abstracts:

If you are interested in giving a talk, please indicate this on the registration form, including a proposed title, and return it to us together with a short abstract. Abstracts should be up to one page in length and should be e-mailed in LaTeX to the address given on the Registration Form.

Support:

Limited funds are available to contribute towards the local expenses of young researchers.

Airport arrival



A "sherut" (shared taxi service) by the Amal Taxi Co. provides transport from Ben Gurion Airport direct to your hotel in Haifa. The cost is about \$12.00, including service charges and the service is available at all times. However, it can cost more if there are not enough passengers. There is also a bus service from Ben-Gurion Airport to Haifa (bus No. 947) available daily from 6:30 to 20:40 hours, except for Saturdays. On Fridays public transport stops before 16:00. Bus fare costs about \$8.00 (payable only in Israeli shekels) per person, and a taxi from the Haifa central bus station to your hotel costs about the same.

There is also a special taxi service to Haifa available at the airport for about \$70.00 per taxi (at night the price is higher).

Departure

Transportation from Haifa to the airport on your departure can be arranged for about \$12.00. This airport shuttle, however, functions only at night and at certain times during the day. There is also a good bus service.

Accommodation

We have succeeded in obtaining hotel rooms for conference participants at one of Haifa's leading hotels at a very special price (\$70 per night for a single room and \$45 per person for two people sharing a double room). The price includes breakfast and service charges. These rates also apply to periods directly before and after the conference. In order to benefit from the special conference rates, please complete the enclosed registration form and mail/email it so as to reach us no later than October 20, 2001. The hotel is very well situated and includes a swimming pool, fitness club and computer facilities. We can also arrange alternative cheaper accommodation if requested.

Currency exchange

Changing currency in Israel is expensive due to bank charges. We do not, however, recommend that you buy Israeli currency abroad. We suggest that you pay your hotel bill in foreign currency (which will also save you the 17% value added tax). We also advise you to limit your currency exchanges to a minimum as a bank charge is made on each exchange, in addition to the charge made for each traveller's check cashed. Possibly the best way to save is through the use of a credit card. All major credit cards are widely accepted in Israel.

Climate and clothing

The weather in Haifa in December can be cold and wet, although there can be pleasant and sunny days. It is advisable, however, to be prepared for the possibility of rain and cold weather.

Conference banquet



The conference banquet will be held on Wednesday, 19 December.

Workshop tour

On Saturday, 22 February, there will be an excursion. The cost of the excursion will be about \$50.00 per person, depending on the number of participants. Please indicate on the registration form whether or not you wish to participate in this excursion.

