Venue

ESGI 32 takes place at the Technical University of Denmark (DTU) in the week 31 August to 4 September, hosted by the Department of Mathematics and the Department of Mathematical Modelling. The organizers are

- Associated Professor Jens Gravesen, Telephone: (+45) 4525 3064.
- Associated Professor Poul Hjorth, Telephone: (+45) 4525 3061.

The facilities of DTU including DTV (Technical Knowledge Center & Library of Denmark), access to powerful computers, advanced programs, and high speed access to the internet, are available to the participants in the Study Group.

Deadline for submission of registration form is 20 July 1998.

The meeting starts Monday 31 August 10^{00} and ends Friday 4 September 13^{00}.

Check-in Sunday afternoon and Monday morning 9^{00}–10^{00}.

The industrial problems will be published 1 August 1998, on the WWW-address "http://www.mat.dtu.dk/ESGI32".

For further information contact:
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Second Announcement

32ND EUROPEAN STUDY GROUP with INDUSTRY

Technical University of Denmark
31 August – 4 September 1998

What is a European Study Group with Industry?

A Study Group is a forum where academic mathematicians work on problems directly related to industry. Workshops of this nature have taken place in Great Britain for a number of years, going back to 1963 when Prof. Alan Tayler started the *Oxford Study Group with Industry*. The coordination of Study Groups is now in the hands of *European Consortium for Mathematics in Industry* (ECMI), and the name is currently *European Study Group with Industry* (ESGI). At a recent meeting of the ECMI Council it was decided that Study Groups should also be held outside Great Britain, and the first one in Scandinavia is to be held in Denmark.

The format of a Study Group is a week long meeting (Monday - Friday) where a number of companies on the first day of the meeting each present a research problem they believe to be of a mathematical nature. Each such problem is taken up by a group of mathematicians who, together with the company representative, work towards the solution of the problem, through Thursday afternoon. Friday is used to present in a plenary session the results from each of the problem groups.

At the latest two months after the meeting, a final report on the results of all the groups is sent out to all participants.

The reasons for the continuing success of the Study Groups are simple: The industrial participants get, for a very modest sum, a highly qualified 'think tank' of mathematicians to focus on their particular research problem. Besides a full or partial resolution of the problem, the companies establish useful contacts with international researchers. The academics benefit from new ideas and challenges from the real world, providing inspiration for both education and their own research.

The success criterion for a Study Group is that participating companies experience the meeting as useful and that it brings them a significant step closer to the resolution of their problem. For the upcoming meeting we also have the goal that it will establish closer ties between Danish Industry and Danish mathematicians.

Fees and accommodation

Fees:		
Company submitting a problem	DKK	10 000[1]
Individual industrial participant	DKK	1 500
Individual academic participant	DKK	1 500
Accommodation during the meeting (pr. person):		
Shared double room in Ph.d-guest house[2]	DKK	250
Single room in Ph.d-guest house	DKK	350
Shared double room in hotel[2]	DKK	1 500
Single room in hotel	DKK	3 000

[1]The price include fees for one person.
[2]There is a limited number of rooms available, so it will be very helpful if some of the participants are willing to share a double room.

Breakfast can be bought on campus for approx. DKK 20.

Lunch can be bought on campus for approx. DKK 30.

Daily dinner is included in the fees.