

OPEN CALL FOR INDUSTRIAL CHALLENGES

125th European Study Group with Industry (ESGI)
Limassol, 5-9 December 2016

Organisers



In collaboration with



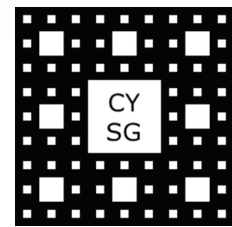
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The first Study Group with Industry is taking place in Cyprus to initiate and enable long-term collaborations between academia and industry in Cyprus. Study Groups with Industry are week-long workshops where mathematical scientists work on real and important challenges the companies and the society are facing today. They were initiated at the University of Oxford in 1968 and since then they have been successfully organised in more than 20 countries. **The 1st Cypriot Study Group is the 125th European Study Group with Industry (ESGI).**

Dates: 5-9 December 2016

Location: Cyprus University of Technology and Poseidonia Beach Hotel (Limassol)

Website: www.esgi-cy.org

The 125th ESGI is organised by the Mathematics for Industry Network (MINET, COST Action TD1409), in collaboration with the Cyprus University of Technology. MINET is an EU-funded network of 31 countries which facilitates the application of mathematics to all industrial sectors. The 125th ESGI is also sponsored by MINET and KPMG Cyprus and is supported by the University of Cyprus, the Research Promotion Foundation, the Limassol Chamber of Commerce and Industry, the British High Commission in Cyprus, and RTD Talos Ltd.

Which organisations can submit challenges? Companies, and organisations from different sectors and of any size can submit a challenge.

Which challenges? Any challenge that can be addressed with a structured, analytical, and quantitative approach. You can see challenges addressed in previous Study Groups <http://www.maths-in-industry.org/miis/view/subjects/>. Hundreds of companies have benefited from Study Groups around the world including Unilever, AIRBUS, Philips, and Dell, as well as many SMEs.

Structure of a Study Group: Companies present the challenge during the 1st day of the Study Group, and subsequently expert mathematical scientists for one week work intensively in teams in close collaboration with the company in order to identify a preliminary solution. At the end of the week they suggest a strategy for further work, and after the Study Group, a written report is delivered to the company. For the 125th ESGI 40 mathematical scientists from several countries are being selected.

How can we submit a challenge?

Please use our online form at

www.esgi-cy.org/register/company-registration/
3-4 challenges will be selected after careful evaluation by the Local Organising Committee in consultation with a team of renowned international experts.

Fees: 500 Euros for SMEs and 1500 Euros for large companies. Submission is free and the fee is payable only if the challenge is selected.

Deadline: 18/10/2016.

Role of the Company Representative: The teams working on a challenge usually have many questions to ask the company during the week. It is, therefore, important that a company representative participates in the Study Group. If this is not possible the representative should be accessible by telephone (or skype). It is essential that the company representative presents the challenge at the first day (Monday) and attends the presentations of the results by the academic teams during the last day (Friday).

Confidentiality: The results of the Study Group week are generally not subject to any confidentiality agreement, and the challenge descriptions and reports are publicly available. There are however some methods that confidentiality could be ensured.

Please contact us at:

E: contact@esgi-cy.org, **T:** 99947843

We are greatly looking forward to working with you.

Local Organising Committee:

Dr Katerina Kaouri,
Cyprus University of Technology (Chair, MINET member)

Dr Margarita Zachariou,
Cyprus Institute of Neurology and Genetics (Co-Chair, MINET member)

Dr Paul Christodoulides,
Cyprus University of Technology

Dr Andreas Kyprianou,
University of Cyprus