



OPEN CALL FOR INDUSTRIAL PROBLEMS

The Spanish Network for Mathematics-Industry (**math-in**), in collaboration with the Technological Institute for Industrial Mathematics - **ITMATI**- and the **COST Action** Mathematics for Industry Network (**MI-NET**), will organize the **122 ESGI (European Study Group for Industry)**.

Initiated in Oxford in 1968, Study Groups with Industry provide a forum for industrial scientists to work alongside academic mathematicians on problems of direct industrial relevance. ESGIs, which usually last a week, are an internationally recognized method of technology and knowledge transfer between mathematics and industry.

This way of interacting allows companies to see first-hand how research groups in Applied Mathematics in Industry work as well as their technological capabilities.

COST Action TD1409, Mathematics for Industry Network (**MI-NET**) co-organized and co-finances this event. The ESGI is co-funded by the Thematic Network RTmath-in, granted by the Ministry of Economy and Competitiveness within the dynamic actions "Networks of Excellence" at its 2014 call and a project of the Norwegian government.

Aim | To offer companies the opportunity to raise industrial problems likely to be treated with mathematical technology in the field of Applied Mathematics, Statistics and Operations Research. Also to find technological solutions to industrial problems encountered in the course of the industry daily activity, while providing access to top-tier staff.

Benefits for companies | Companies will receive a written report on the conclusions reached for their problem and will benefit from direct interaction with researchers during the event.

Structure | The event will take place in five days according to the following distribution:

- Day 1: Problem presentation and distribution of the participants in Working Groups.
- Days 2, 3, 4: Working Groups work on the proposed problems.
- Day 4: Conclusions.
- Day 5: Results presentation and preparation of the final document.



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Companies will only need to be present during the first day (problem presentation) and the last day (final presentation of the results).

Date | From 19th to 23th September, 2016.

Venue | Faculty of Mathematics. Santiago de Compostela.

Fees | Free for companies.

Problems reception | Companies interested in participating can send their proposals to adriana.castro@itmati.com or transferencia@math-in.net **before June 30, 2016**.

The number of problems discussed during the event is **limited**; therefore they will be accepted **on a first-come first-served basis**.

Scientific Committee | 122 ESGI Scientific Committee will be responsible for assessing problems received in order to determine whether they have enough entity to be treated in a Study Group.



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