

INVITATION

OFFICIAL OPENING

1st Study Group with Industry (125th European Study Group with Industry -ESGI)

Date and Time: **Monday, 5th December 2016, 11:00-16:30**

Venue: **Cyprus University of Technology, Amphitheatre "Pefkios Georgiades",**
"Andreas Themistocleous" Building, Athinon Street, Limassol

PART I – Using Maths to solve industrial and business challenges: effective international practices

11:00-11:30 Registration/coffee

11:30-11:45 Addresses

Prof. Andreas Anayiotos, Rector of the Cyprus University of Technology

Mr. Constantinos Karageorgis, Head of EU Affairs & Head of Entrepreneurship, Internal Market and Innovation Sector, Ministry of Energy, Commerce, Industry, and Tourism

Mr. Costas Galatariotis, President of the Limassol Chamber of Commerce and Industry

11:45-11:55 **"The 1st Study Group with Industry in Cyprus"** (Welcoming remarks), **Dr. Katerina Kaouri**, Chair of the Organising Committee of the 1st Study Group with Industry, Cyprus University of Technology & MI-NET member

11:55-12:10 **"Introducing the Mathematics for Industry Network (MI-NET)"**, **Dr. Joanna Jordan**, Chair of MI-NET, and Manager, Bath Institute for Mathematical Innovation, University of Bath

12:10-12:25 **"The European Consortium for Mathematics in Industry (ECMI)"**, **Prof. Poul Hjorth**, ECMI Executive Director, and Associate Professor of Applied Mathematics, Technical University of Denmark

12:25-12:40 **"Maths-in-Industry: Past, Present and Future"** **Dr. Hilary Ockendon**, Emeritus, (past Director), Oxford Centre for Industrial and Applied Mathematics, Mathematical Institute, University of Oxford

12:40-13:00 **Q&A session and discussion** (Moderator: **Dr. Margarita Zachariou**, Vice-Chair of the Organising Committee of the 1st Study Group with Industry, Cyprus Institute of Neurology and Genetics & MI-NET member)

13:00-14:00 Networking light lunch

Part II - Presentation of four local challenges

14:00-14:30 **ENGINO** - "Quantifying the creativity of **ENGINO** toys and automating their building instructions"
Presenter: **Mr. Costas Sisamos**, Founder and General Director

14:30-15:00 **PARTY ICE** - "Cost optimization of ice distribution",
Presenter: **Mr. Prokopis Prokopiou**, CEO

15:00-15:30 **Water Development Department** - "The Gerasoyia aquifer challenge",
Presenter: **Ms. Natasa Neocleous**, Hydrologist

15:30-16:00 **Transportation Organisation of the Nicosia District (OSEL)**: "Optimizing bus routes in urban Nicosia"
Presenter: **Mr. Andreas Athanasiades**, General Manager (sponsored by KPMG Cyprus)

16:00-16:30 Coffee break and networking

16:30-18:30 **55 academics, from 17 countries, form four teams and start solving the four challenges (closed doors)**. The intensive teamwork continues until Friday 9th December 12:00. From 12:30-2.45 the solutions and strategy for further work on the four challenges will be presented by the academic teams.

Study Groups with Industry are week-long intensive workshops that were initiated at the University of Oxford in 1968 in order to enable long-term collaborations of academia with industry, commerce and the society. Since then Study Groups have been successfully organized in 20 countries around the world. This is the 1st Study Group with Industry taking place in Cyprus and the aim is to establish it as an annual event.

More information: www.esgi-cy.org Tel: 99947843

RSVP by the 2nd of December 2016 at contact@esgi-cy.org

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