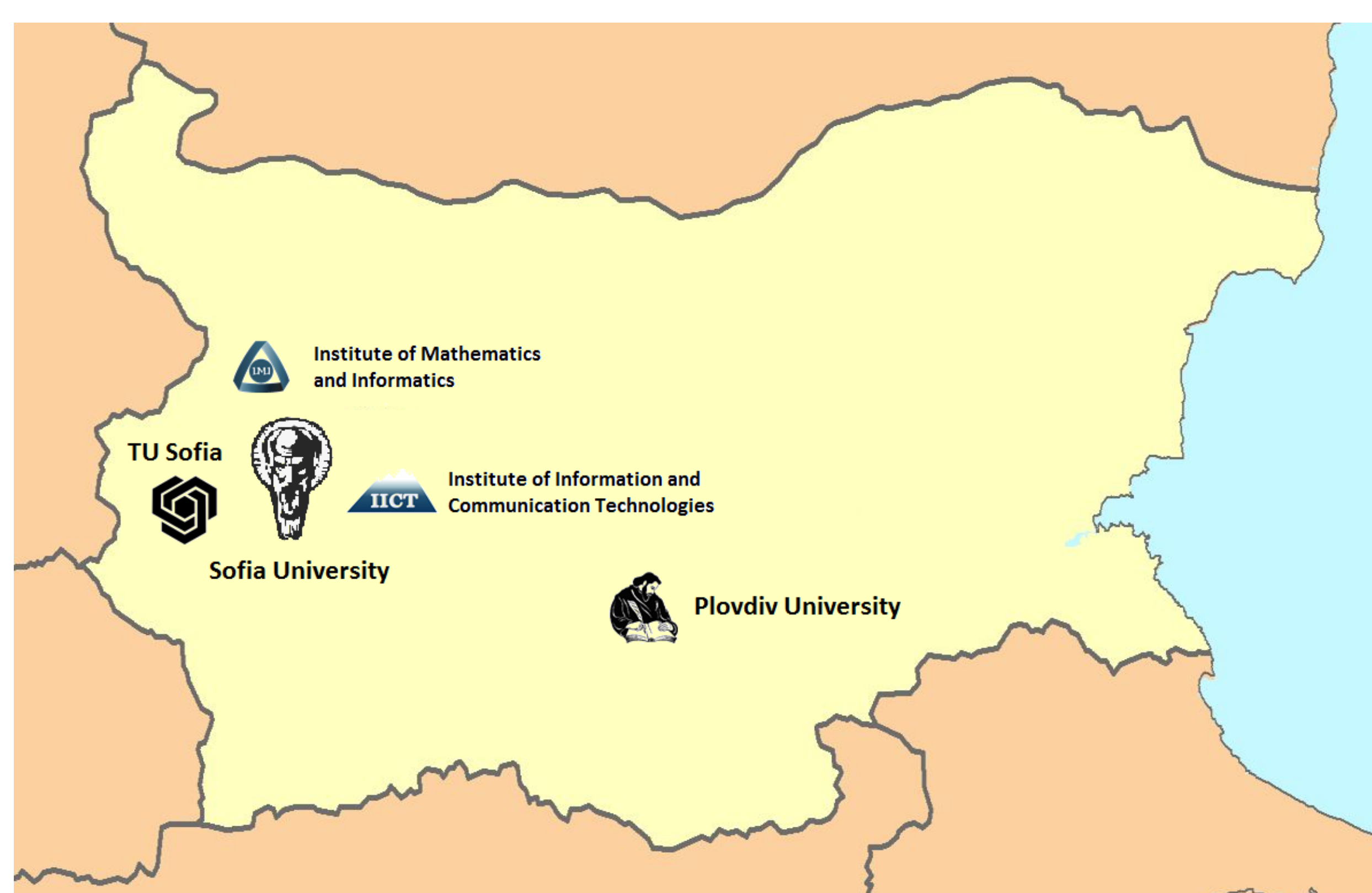


Bulgaria



5 ECMI Institutional Members in Bulgaria

There exists a growing network of ECMI nodes in Bulgaria. Four of them are located at the capital city of Sofia and one in Plovdiv.



ECMI Model MSc Program “Computational Mathematics and Mathematical Modelling”

The MSc. Program at Sofia University was certified as a Model MSc in the branch Technomathematics in 2014. A constant effort has been made to evolve in various different ways—comprehensive list of courses, covering all areas of Industrial Mathematics, a team of dedicated professors, open to the students, and opportunities for great career development thanks to the links of the Faculty with industry.

Selected Courses

Modelling

- Mathematical Models and Numerical Experiment
- Seminar and Practicum in Mathematical Modelling
- Mathematical Modelling in Biology/Physics/Computer Graphics/Hydrodynamics

Numerical Methods

- FEM—Algorithmic Foundations/Theory
- Advanced Finite Difference Methods
- Monte-Carlo Methods
- Numerical methods in Analysis
- Numerical Methods for Sparse Matrices
- Parallel Computations

Fundamental courses

- Theoretical Foundations of Industrial Mathematics
- Applied Functional Analysis
- Approximation Theory
- Partial Differential Equations
- Sobolev Spaces
- Special Functions and Approximations

Extracurricular activities

Organization of regular seminars and workshops in Industrial Mathematics, Lectures by experts from industry and renowned scientist from Bulgaria and abroad

Support for participation in ESGIs, modelling weeks, conferences in Bulgaria and abroad

Possibilities for outstanding students to be involved in the academic life as teaching assistants and junior research associates

ECMI events in Bulgaria—Gallery



ECMI Activities in Bulgaria:

- Regular seminars in the field of Industrial Mathematics at the ECMI nodes
- Regular participants in the ECMI Conferences, ECMI MWs, ESGIs in different countries across Europe

2013
ESGI'95

2014
ESGI'104

2015
ESGI'113

2016
ESGI'120

2014 Sofia
University -
ECMI
Teaching
Centre

2015
Preparatory
Modelling
Week

2016 ECMI
Modelling
Week, Sofia

2017
ESGI'132