CONFERENCE FEES

	Regular	Student	Accompanying Person
Early fee	340 €	300 €	120 €
Normal fee	360 €	340 €	120 €
Late fee	400 €	350 €	120 €

ABOUT

The 14th International Conference on Technology in Mathematics Teaching (ICTMT 14) is organised by the University of Duisburg-Essen and held in the city of Essen, Germany.

AIMS AND SCOPE

The ICTMT conference series is unique in bringing together lecturers, teachers, educators, curriculum designers, mathematics education researchers, learning technologists, and educational software designers – all who share the interest in improving the quality of teaching and learning by means of digital technologies. Through its character, the conference provides a forum for researchers and practitioners in this field to discuss and share best practices, research approaches and results, theoretical know-how, innovation and perspectives on educational technologies and their impact on the teaching and learning of mathematics.

PLENARY SESSIONS

Inspiring Learning and Teaching
Lynda Ball, Jürgen Roth

Networking of Theories
Angelika Bikner-Ahsbahs, Arthur Bakker

Developing Visions
Bärbel Barzel, Paul Drijvers, Florian Schacht

Enhancing Assessment
Michal Yerushalmy, Chris Sangwin

CALL FOR PROPOSALS

Submissions of proposals for papers and posters are welcome in the specific themes of the conference.

Papers: research outcomes, research in progress, innovative practices, theoretical developments, reports on the use of resources and experiences
Posters: concepts, ideas, projects

ICTMT 14 ESSEN 2019

UNIVERSITÄT DUISBURG ESSEN

Offen im Denken

14TH INTERNATIONAL CONFERENCE OF TEACHING MATHEMATICS WITH TECHNOLOGY

22–25 July, 2019
Essen, Germany

THEMES

Inspiring Learning and Teaching: The integration of scientific knowledge and research findings into practice faces the specific challenge that people not following this scientific discourse don't notice the outcomes in both research and practice. Therefore, there is a need for developing strategies to inspire teaching and learning in accessible ways. We especially ask for research findings that suggest and study examples of the teaching and learning of mathematics with digital technology as well as innovative solutions of scaling and sustaining impacts.

Networking of Theories: Research on the use of technology in mathematics education often requires collaborative actions involving different theoretical perspectives. Hence, there is a need to communicate and network different theoretical approaches. Therefore, it is necessary to study theoretical frameworks focusing on integrating technology into teaching and learning to recognise their similarities and differences. As a result, it is possible to connect, compare and contrast a variety of theoretical frameworks in mathematics education.

Developing Visions: With the development of new technologies (for example Augmented or Virtual Reality), mathematics educators face the challenge of examining whether these technologies support mathematics learning and – if yes – how they can be integrated into the mathematics classroom. Furthermore, there is a need to develop visions of how an integrated technology can be used to support learning in the future. This conference theme especially calls for contributions either supporting the development of such visions or relating to a meaningful integration of new technological developments into the classroom.

Enhancing Assessment: Digital technology has the potential to enhance both summative and formative forms of assessment. This conference theme addresses questions concerning the type of skills assessed, the underlying goals, the tasks in use and questions of validity and reliability of assessment.

ICTMT 14 will be held at the University of Duisburg-Essen in the city of Essen, Germany. The Ruhr metropolis is full of surprises, one of which has been its cultural transformation from a traditional industrial region to a European Capital of Culture and home to 5.3 million people from 140 countries.

UNIVERSITÄT DUISBURG ESSEN

Faculty of Mathematics

ICTMT 14 ESSEN 2019

izfb — Interdisziplinäres Zentrum für Bildungsforschung

IMPORTANT DATES

Submission	Dates
Papers and posters	February 12, 2019
Acceptance notification	April 8, 2019
Final versions of papers for proceedings	September 16, 2019

Registration	Dates
Registration opens	January 14, 2019
Early	before April 15, 2019
Normal	before May 13, 2019
Late	until the conference opening

FURTHER INFORMATION

If you need any information, please do not hesitate to contact us via **ictmt14@uni-due.de**.

Also, please go to the conference website **udue.de/ictmt14** for more information.