

Actividades Formativas IMEIO/ Educational Activities IMEIO

Título/Title: International Workshop: Inquiry-based approach and professional development at university mathematics

Organizador/Organizer: Inés M. Gómez-Chacón Facultad de Ciencias Matemáticas, Universidad Complutense de Madrid (Spain). Email: igomezchacon@mat.ucm.es

Profesores/Lecturers:

Inés Gómez-Chacón Universidad Complutense de Madrid (Spain)
Reinhart Hochmuth, Gottfried Wilhelm Leibniz Universität Hannover (Germany)
Barbara Jaworski, Loughborough University (United Kingdom)
Jana Peters, Gottfried Wilhelm Leibniz Universität Hannover (Germany)

Horas totals/ number of hours: 10 hours (6 hours in-person classes the days 4th and 5th November 2021 and 4 hours personal work and online tutoring to be adjusted with the participants).

Lugar/Location: Facultad de Ciencias Matemáticas, Universidad Complutense de Madrid (Spain)

Fechas/Dates:

4th November 2021 (From 5.30 to 8.30 pm hours)
5th November 2021 (From 6 to 9 pm hours)

Resumen/Summary:

The aim of this course is to provide university lecturers and research assistants with educational tools enabling them to better design, implement and analyse teaching and learning processes in mathematics.

Contents:

- Practical initiation of university lecturers into an inquiry-based approach to teaching and learning mathematics.
- Development of methodological skills to design inquiry tasks
- Knowledge of resources: examples of Inquiry-Based tasks and project in university mathematics teaching

The International Workshop

This course is co-organized with the European Project “Partnership for the Learning And Teaching IN University Mathematics (PLATINUM), Instituto de Matemática Interdisciplinar (IMI) and Cátedra Extraordinaria UCM Miguel de Guzmán at Complutense University of Madrid.