

## ABOUT BRAGA

Braga is the third largest Portuguese city, born from the ancient Roman town of Bracara Augusta. It has one of the youngest populations in Europe, which makes the city dynamic and energetic. In the past 30 years the District of Braga increased in population by 25 per cent. Braga has a lot to offer, in terms of both culture and entertainment: its night life, cinemas, theatre, exhibitions, museums and art galleries are exceptional. It is a city vibrant with culture and tradition, where history and religion go hand in hand with technology, industry and university life.

Braga is about 20km from Guimarães, initially known as Vimaranes. Guimarães is a historical city, which played the leading role in the foundation of Portugal and which has now existed for over a millennium. With its historical centre being considered World Cultural Heritage, it is one of the largest tourist centres of the region. Its streets and monuments bring history back to life and enrapture its visitors.

## ACCOMMODATION

Braga has a variety of hotels in terms of quality and prices. However, you should book your accommodation as soon as possible because a lot of events related to Holy Week take place in Braga at this time of the year.

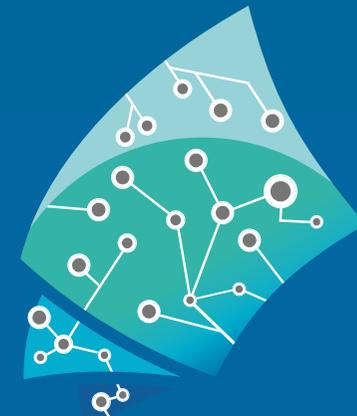


University of Minho



## CONFERENCE SECRETARIAT

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# ATEE

Association for Teacher Education in Europe

## WINTER CONFERENCE 2019

### SCIENCE AND MATHEMATICS EDUCATION IN THE 21st CENTURY

April, 15 to 17

University of Minho, Braga, Portugal



University of Minho

<http://net.ie.uminho.pt/ateewinter2019>

# KEYNOTE SPEAKERS

## Merrilyn Goos (Ireland)

Mathematics crossing borders: Integrating mathematics with other disciplines in teacher education



Merrilyn Goos is Professor of STEM Education at the University of Limerick, Ireland. Previously she was Professor and Head of the School of Education at The University of Queensland, Australia. She is an internationally recognised mathematics educator whose research is well known for its theoretical innovation and strong focus on classroom practice. Her research interests include students' mathematical thinking, the impact of digital technologies on mathematics learning and teaching, numeracy across the curriculum, and the professional learning of mathematics teachers. She is currently Vice-President of the International Commission on Mathematical Instruction and Editor-in-Chief of the journal of Educational Studies in Mathematics. She has also gained national recognition as a mathematics teacher educator, having won an Australian Award for University Teaching in 2004 as the most outstanding teacher in the social sciences disciplines. She is the lead author of Teaching Secondary School Mathematics, an award-winning teacher education textbook.

## Ilka Parchmann (Germany)

The challenges of teaching science in the 21st century: the benefits of context-based interdisciplinary approaches



Ilka Parchmann is full professor for Chemistry Education, vice-president of Kiel University (Germany) and head of the department of Chemistry Education at the Leibniz Institute for Science and Mathematics Education (IPN). Previously, she has been full professor for Chemistry Education at the Carl von Ossietzky University of Oldenburg where she was awarded her PhD degree a few years earlier. Her research interests focus on: development, assessment, and implementation of concepts for context-based learning in school, out-of-school, as well as in university settings; development and assessment of measures in science communication and the fostering of academic talents; and concepts and studies on education and continuing education for teachers. Two of the projects she is engaged in are 'Development of learning in science' and 'Development of professional competence in teacher education programs for science and mathematics'. She is author or coauthor of 150 research publications recorded in the PURE research information management system.

# CONFERENCE VENUE

## LOCATION

The 2019 ATEE Winter Conference is organized by the ATEE Research and Development Community (RDC) on Science and Mathematics Education.

It will be held at the University of Minho, Campus de Gualtar, Braga, in the north of Portugal.

## HOW TO GET TO BRAGA

- Fly to Oporto Sá Carneiro Airport (45Km from Braga) and take a shuttle (Get Bus) or a train to Braga
- Fly to Lisbon Portela Airport (350Km from Braga) and take a train to Braga

# CONFERENCE THEME

The 2019 ATEE Winter Conference focuses on 'Science and mathematics education in the 21st Century' and it aims at fostering a deep discussion of the following issues:

- Innovative approaches to teaching science / mathematics
- Technologically enhanced science / mathematics education
- Science / mathematics education and the STEM agenda
- Science / mathematics education in multicultural and inclusive schools
- Science / mathematics teacher education in a changing world
- 21st century assessment in science / mathematics education

# IMPORTANT DATES

## PAPER AND POSTER SUBMISSIONS

**1 December 2018 to 4 January 2019**  
abstracts submission

**20 January 2019**  
notification of acceptance/rejection

## REGISTRATION

**20 January to 15 February**  
early registration

**16 February to 31 March**  
late registration



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