

# **ATEE WINTER CONFERENCE 2026**

**March 30<sup>th</sup> to April 1<sup>st</sup>, 2026**

**Venue: University of Minho, Braga, Portugal**

## **CONFERENCE THEME**

### **Science and mathematics education in the digital era**

#### **Presentation**

The Association for Teacher Education in Europe (ATEE) Winter Conference 2026 will focus on science and mathematics education in the digital era. It will provide a platform for scholars worldwide to reconceptualize, recontextualize, and discuss conventional topics in science and mathematics education research in light of the digital paradigm, as well as to share and realistically discuss the emerging ones, considering their potential, limitations, and possible threats. Additionally, as several countries are faced with the threat of teacher shortage, research on ways to attract students to science and mathematics, and teachers (including pre-school teachers) to the profession will be very welcome. Research addressing the value, challenges, and pitfalls of the digital age for developing students, preschool teachers, school and university teachers, and other citizens' scientific literacy and numeracy, as well as for designing curriculum materials, will be welcome too.

The conference theme encompasses a diversity of issues ranging from teachers (of all school levels, from pre-school to university), students, and curriculum materials, to teaching approaches and assessment, and technology-based interdisciplinary STEM education for diverse and inclusive classrooms, and a sustainable future. Participants will have the opportunity to present, share, and discuss research on timely and relevant issues for the benefit of education and the strength of the international community of science and mathematics education.

#### **Conference Sub-Themes**

The conference encompasses a large set of subthemes that cover the diverse dimensions of the conference theme. The subthemes help participants to understand the scope of the theme and facilitate the organization of the parallel sessions. The conference topics are as follows:

1. Role and features of science- and mathematics-related education in the digital era
2. Science- and mathematics-related literacies for a sustainable and digital future
3. Science and mathematics materials (e.g., syllabi, textbooks, digital textbooks, etc) in the digital era
4. Disciplinary and interdisciplinary approaches to science and mathematics education in the digital era
5. Science and mathematics teacher education for a digital future
6. Motivating and engaging science and mathematics students in the digital era
7. Assessment in science and mathematics education in the digital era
8. Opportunities and challenges offered by online science and mathematics education
9. Artificial Intelligence in science and mathematics education
10. Maker education for promoting STEM learning
11. Robotics as an interdisciplinary STEM-promoting tool
12. Gamification in science and mathematics education
13. Digital labs and other technologies for science and mathematics education
14. Digitalization and the leveraging of diversity and inclusion in science and mathematics education