

UTE Teaching & Technology (Universitas Tarraconensis) invites original manuscripts for a special issue titled:

Consolidating Smart Classrooms for Shaping Learning Spaces

Researchers, faculty, and trainers involved in smart classrooms are cordially invited to submit their papers and enrich this issue which aims to gather contributions in the fields of advances in innovative teaching and teaching improvement in smart learning environments through analysis of educational data coming from sensors and IoT to share up-to-date research results.

To be considered for the special issue, manuscripts should take the in the following considerations:

- Papers must be based on teaching and/or training practice (not ICT-only focused implementations).
- Clear pedagogical description (where does this practice come from? What are the theoretical didactic or pedagogical supports of this approach?).
- Both practical and theoretical description (how many students by class, online/face2face, year at the university, academic course/workshop/training).
- Sharing viewpoints of all stakeholders involved in the practice are well considered (teachers, students, administrators, organizations)
- Strong theoretical and pedagogical conclusions
 - Why is this practice innovative in pedagogical and/or technological terms?
 - What does this practice “add”, “change”, “improve?”
 - What’s next?
- Topics of interest regarding smart classrooms for submission include but are not limited to:
 - Innovative pedagogical approaches or curriculum linking smart classrooms, sensors, devices, IoT, and data analytics
 - Big data, IoT, and/or artificial intelligence
 - Layout of educational spaces, practices, and/or pedagogies throughout sensors and analytics
 - Assessment approaches and tools to improve students’ behavior, wellness, progress, and/or performance
 - Innovations for staff development
 - Ethical and privacy concerns
 - Approaches regarding gender, diversity gap, inclusion, academic trans-disciplinarity

The manuscripts can be written in Spanish and English and should be original, those can be accepted for publication if they have not been published before, nor submitted for review to other scientific journals.

About UTE:

[*UTE Teaching & Technology \(Universitas Tarraconensis\)*](#) is a scientific journal of continuous publication, edited and published by the research group ARGET from the *Rovira i Virgili* University of Tarragona. It is an open access journal reviewed by experts. Its main thematic line is educational research. Its main objective is to contribute to the development of Educational Sciences. Specifically, its focus is educational technology,

with the aim of promoting the communication and dissemination of new approaches to teaching and learning as a response to the challenges of the 21st century digital society. To ensure the publication of quality articles, the journal applies a rigorous editorial process and follows the Open Journal System (OJS) model that supports the open access academic publication.

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Further instructions for submission of manuscripts:

<https://revistes.urv.cat/index.php/ute/about/submissions>

Inquiries can be sent to the special issue editors:

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Daniel Amo Filvà (Badalona, Barcelona, 1978), Ph.D. Cum Laude in Education Sciences from the University of Salamanca (2020), with two master's degrees in education and educational technology, a University Master's Degree in Teacher Training for Compulsory Secondary Education, and a Baccalaureate, Professional Training and Language Teaching (UNIR 2016) and University Master's Degree in Education and ICT, specialization in Research (UOC 2014). With 15 years of participating in and leading different technological projects in the tech-industry, he currently focuses his professional career on university teaching in the Department of Computer Engineering at La Salle, Ramon Lull University, and research group HER (Human-Environment Research). Within HER he coordinates the Technology Enhanced learning research line focused on the design, implementation, evaluation, and improvement of the impact of educational projects in any academic fields mediated by technology. The use of ethical and analytical methods for educational data treatment are the fundamentals of the evaluation and improvement of such procedures. He actively participates in scientific congress committees and conferences to disseminate to society the knowledge resulting from his professional and personal research. He is the author of the two books "Learning Analytics: the narrative of learning through data" (UOC OuterEdu) and "Learning analytics: 30 experiences in the classroom with data"; the blog eduliticas.com where he disseminates about Learning Analytics; the podcast connecta.danielamo.info where tackles technology, privacy, and humanistic aspects of society; and danielamo.info a personal space where he shows all his past and present projects.

Research publications are available at <https://orcid.org/0000-0002-4929-0438> and <https://scholar.google.com/citations?user=RNHbv9oAAAAJ&hl=es&oi=ao>

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Elvira G. Rincon-Flores holds a Ph.D. in Education Sciences from the University of Salamanca, Cum Laude thesis. Actually, she is an Impact Measurement Research Scientist at the Institute for the Future of Education of the Tecnológico de Monterrey, and she is also a professor at the same institution. She belongs to the National System of Researchers of Mexico, and the research groups: GRIAL and GIIE, the University of Salamanca, and Tecnológico de Monterrey, respectively. She is the leader of the following research projects: Educational Spaces of the Tec 21 model, Gamification in higher education, student mentoring, and Adaptive Learning. It also collaborates with the University of Lima in the development of a dynamic platform for Gamification called Gamit!. Her lines of research are the evaluation of educational innovation and educational gamification.

Timeline:

Opening Call for papers: 1st of January 2023

Deadline: 30th of March 2023

Feedback: 30th of June 2023

Publication: 1st of November 2023