

Call for papers
**Educational innovation through Teaching and Learning
spaces and methodologies in STEAM environments.**
Revista Científica_Estilos de Aprendizaje

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Estilos de Aprendizaje y Estilos de Enseñanza

Educational innovation through teaching and learning spaces and methodologies in STEAM environments.

The Journal Estilos de Aprendizaje celebrates its first 15 years with 31 issues published and more than 400 articles that highlight the background and evolution of studies on teaching and learning styles, in addition to channeling the dissemination of advances in research and innovation in Education in recent years.

In addition to increasing its indexing and impact with the recent incorporation to JCR-JCI, Q4 and obtaining FECYT quality recognition in the area of Education and Educational Research, and occupying the C2 of Dialnet Metrics, the journal aims to be a space for communication, critical reflection and knowledge transfer, through the dissemination of good practices and educational experiences that highlight projects and initiatives related to teaching/learning styles, spaces and methodologies,

Key aspects of the Call for Papers Volume 15. Number 32:

This new special issue to be published in October 2023, will promote the dissemination of pedagogical proposals that address innovation, new resources and teaching-learning methodology in STEAM environments.

STEAM Education, which integrates contents related to Science, Technology, Engineering and Mathematics, linked to Arts and Humanities, seeks to favor the diversity of learning forms in the different educational stages. It allows the integration of concepts of these subjects in a practical way by solving problems applied to real cases, in a context where spaces, environment, methodologies and educational

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resources are especially relevant for the integration and development of the different Learning Styles.

This call aims to publish research articles, studies, experiences and educational practices that highlight the following topics:

- Innovative pedagogical styles in the field of STEAM subjects.
- Innovative methodologies for STEAM learning. Case studies and challenges in their implementation.
- Use of immersive technological resources in STEAM environments.
- Digital evaluation systems adapted to STEAM subjects.
- Ethics and responsibility in the use of artificial intelligence (AI) in STEAM education: Ethical dilemmas, responsibilities associated with the use of AI in teaching and guarantees of appropriate and equitable use in educational environments.
- Distance education and its impact on STEAM learning styles: challenges and opportunities in the digital age.
- Teaching programming and robotics as part of STEAM education: how to foster logical thinking and problem solving.
- Industry-education collaboration in STEAM: partnerships, initiatives and opportunities for training and employment.
- Processes for the improvement of STEAM skills and knowledge in teacher training.
- Appropriate integration of the Arts in educational projects related to STEAM methodology. Comparison of cases.
- Framing of the concept "creativity" from the Science-Arts convergence in pedagogical approaches considering STEAM methodology.
- Study of didactic cases around the Arts where Project Based Learning is developed according to the STEAM methodology.
- Reflections from the philosophy of STEAM methodology, about Art as a social transformer in contexts of formal and non-formal education.

The deadline for receipt of articles for this special issue is **July 15, 2023**, after acceptance of the proposal by the Organizing and Steering Committee of [IE Conference 2023](#) sent until **June 15, 2023** in the submissions section of the EA Conference website. Once accepted by the Organizing Committee, it must be uploaded to [the Learning Styles website](#).

The special issue will be published in October 2023.

Manuscripts may be submitted in the three official languages: **Spanish, English and Portuguese**.

Submission of Proposals/Abstracts to IE Conference 2023

www.cseconference.es

Coordinators

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