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Editorial

THE TECHNOLOGY AS AN INTERDISCIPLINARY INTERSECTION

A TECNOLOGIA COMO UMA INTERSECÇÃO INTERDISCIPLINAR

Rodrigo Franklin Frogeri[1]

Doctor, Centro Universitário do Sul de Minas - UNISMG, Varginha, MG, Brazil.
rodrigo.frogeri@professor.unis.edu.br

Abstract

In the dynamic landscape of contemporary research, our twenty-one issue of Mythos delves into the intricate area where technology serves as a pivotal intersection across diverse subjects. This theme underscores the profound impact of technology on various fields and the interconnected nature of advancements in science, engineering, humanities, and beyond. We invite scholars and researchers to explore the multifaceted dimensions of technology's role as an interdisciplinary catalyst.

Keywords: Interdisciplinary, Area of Knowledge, Multidisciplinary, Technology, Transdisciplinary.

Resumo

No cenário dinâmico da pesquisa contemporânea, nossa 21ª edição da Mythos investiga a intrincada área em que a tecnologia serve como uma interseção fundamental entre diversos assuntos. Esse tema ressalta o profundo impacto da tecnologia em vários campos e a natureza interconectada dos avanços na ciência, na engenharia, nas ciências humanas e além. Convidamos acadêmicos e pesquisadores a explorar as dimensões multifacetadas da função da tecnologia como catalisador interdisciplinar.

Palavras-chave: Interdisciplinar, Área de conhecimento, Multidisciplinar, Tecnologia, Transdisciplinar.

1 INTRODUCTION

In the dynamic landscape of contemporary research, our twenty-one issue of Mythos delves into the intricate realm where technology serves as a pivotal intersection across diverse disciplines (Su & Moaniba, 2017). This theme underscores the profound impact of technology on various fields and the interconnected nature of advancements in science, engineering, humanities, and beyond (Rossini, Porter, Kelly, & Chubin, 1981).

We invite scholars and researchers to explore the multifaceted dimensions of technology's role as an interdisciplinary catalyst (Rossini & Porter, 1979). The articles featured in this issue encapsulate innovative perspectives, collaborative endeavors, and insightful analyses that illuminate the symbiotic relationship between technology and diverse academic domains (Earnshaw, 2020).

As we navigate this intellectual journey, we aim to uncover synergies that transcend traditional boundaries, fostering a holistic understanding of how technology shapes and is shaped by interdisciplinary endeavors. Join us in unraveling the narrative of "The Technology as an Interdisciplinary Intersection" as we embark on a collective exploration of the transformative power and far-reaching implications of technology across the academic spectrum.

Mythos invites everyone involved in the academy to submit their work in one of the three accepted formats: Research Article, Memory of a Scientific Event, or Systematic Literature Review.

2 RESEARCH ARTICLE

The studies submitted in this format may encompass single case studies, multiple case studies, meta-analyses, meta-theories, theoretical discussions (e.g., Frogeri, Diniz, Portugal Júnior, & Piurcosky, 2023), or propositions of theoretical models (e.g., Frogeri et al., 2020; Frogeri, Portugal Júnior, et al., 2022). Methodological approaches may be qualitative, quantitative (e.g., Gama Junior, Frogeri, Piurcosky, & Carvalho, 2024), or mixed.

3 MEMORY OF A CIENTIFIC EVENT

The studies submitted in this format must have been previously presented at a scientific event in Brazil or abroad. The submitted version should feature significant modifications and enhancements compared to the version originally presented at the event or in its proceedings.

4 SYSTEMATIC LITERATURE REVIEW

Studies submitted in this format should be the result of rigorous Systematic Literature Reviews (SLRs), state-of-the-art reviews, critical reviews of works, or bibliometric studies.

- **Systematic Literature Reviews (SLRs)** are a type of research that involves a systematic and comprehensive search, evaluation, and synthesis of existing research on a specific topic. SLRs

are typically conducted to identify and summarize the current state of knowledge on a particular topic, to identify gaps in the research, and to make recommendations for future research (e.g., Du, Liu, & Wang, 2022; Granić & Marangunić, 2019; Mahraz, Benabbou, & Berrado, 2019).

- **State-of-the-art reviews** are a type of research that provides a comprehensive overview of the current state of knowledge on a particular topic. State-of-the-art reviews typically include a discussion of the most recent research findings, as well as an assessment of the strengths and weaknesses of the existing research (e.g., Bueno & Frogeri, 2023; Frogeri et al., 2019).

- **Critical reviews of works** are a type of research that involves a critical evaluation of a particular work or body of work. Critical reviews typically involve an analysis of the work's strengths and weaknesses, its contribution to the field, and its implications for future research.

- **Bibliometric** studies are a type of research that uses quantitative methods to analyze the publication and citation patterns of scholarly literature. Bibliometric studies can be used to identify trends in research, to map the intellectual structure of a field, and to assess the impact of research (e.g., (Cunha & Frogeri, 2016; Frogeri, Ziviani, Martins, Maria, & Zocal, 2022; Silva, Maria, Frogeri, & Ferreira, 2018).

CONCLUSION

Mythos, by providing a space for the publication of studies that embrace interdisciplinarity in its most varied forms, enables researchers at all academic levels to find the opportunity to publicize their work.

The intersection of different areas of knowledge with technology can accelerate innovation and human knowledge of what is still unknown or what still has space for improvement for the benefit of humanity.

Welcome to Mythos, where we celebrate the convergence of ideas and the boundless possibilities that emerge at the intersection of technology and interdisciplinary exploration.

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