

Mediation technologies as keys to communication (Editorial)

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Welcome to the tenth issue of the Journal of Digital Media & Interaction (JDMI). For this issue we've assembled a set of six articles and one book review, dealing with the central role of mediation in the dynamics of use and consumption of digital media: the role of algorithms and human curation; the design of a platform focused on grief; the museology of the self in digital platforms; the dissemination of false information on the web and the role of traditional journalism in mediating access to certified information within the scope of the Covid-19 pandemic in Brazil; and the role of extended reality technologies in the educational processes.

We open this issue with the article **"The Role of Human Curation at the Age of Algorithms"** by Pekka Kallioniemi. This article presents a Hybrid Curation Model that combines human curation with algorithms as a means of recommending content. In the contemporary context of infobesity, with a huge amount of content, algorithm-based recommendation systems are used and the author highlights the role of human curation to complement this process.

To follow, we have the article **"From tool to algorithmic intellect: surviving between digital dilemmas"** by Pedro Rodrigues Costa. The article addresses the issue of the economy of attention and how the algorithms of large platforms are designed to capture the attention of users, without the ethical issues being truly taken into account.

Next, the article entitled **"Egomuseum: Activists Authors/Artists on Instagram"** by Cláudio Xavier and Laís Ramires de Souza analyses publics profiles of Brazilians activists and authors/artists on Instagram and the musealization that they make of themselves – their processes, works, activisms and professional experience with communication and culture. The authors conclude that Instagram is a locus of cultural and political affirmation that contributes to the visibility and prominence of activist's authors/artists.

Ensuing we present the article **"Networked Individuals and Covid-19 Emergence: Communication Challenges in Pandemic Times in Brazil"** by Cláudia Maria Arantes de Assis, Fabiana Grieco Cabral de Mello Vetrutti & Rafael Vergili, article that analyzes communication within the scope of the Covid-19 pandemic in Brazil, namely, the dissemination of false information, and the role of traditional journalism in ensuring access to certified information.

The last article **"Use of Extended Reality Technologies by Primary and Secondary Education Teachers in Portugal"** by Bárbara Cleto, Maria Ferreira & Ricardo Carvalho presents a study on the use of Extended Reality (XR) technologies by primary and secondary school teachers, to understand

whether teachers know about these technologies in their teaching practices, how they use them in their teaching strategies and if they would be interested in using these technologies as a pedagogical tool.

This issue ends with a review of the book "***The Frontiers of Knowledge. What We Know about Science, History and the Mind - and How We Know It***" (2021) by A.C. Grayling, in which he approaches the Socratic principle of "I only know that I know nothing" with the proposal of the paradox of knowledge, which states that the more we know, the more we realize the extent of our ignorance and that all knowledge is constructed from a set of data and means that only allow us a vision "through the pinhole" (The Pinhole Problem) — making clear that humanity is permanently faced with the challenge of its ignorance.

We consider that this set of contributions are excellent analyses and reflections on the role that the mediation performed by algorithms, interfaces, platforms and extended reality technologies plays in the use and access to information presenting the dynamics of communication and construction of knowledge

Finally, we are pleased to announce that our journal, now in its fourth year, has been accepted for indexation in the Directory of Open Access Journals (DOAJ), which we welcome and paves the way for the next steps in indexing JDML.