

On Generative AI and Deepfakes in News Media, Entertainment and Education

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Entrada libre hasta completar el aforo

Resumen:

Synthetic data have been produced and used for over 60 years, but recent advances in machine learning and Generative AI have greatly increased their frequency. The conference session begins by outlining the difference between transformer neural network models for text generation and generative adversarial networks (GANs) for image creation. The main focus will be on the rapid growth of deepfake generation and its impact on news media, entertainment, and education. Deepfakes are considered especially concerning because of their multimodal and technically advanced nature. Research highlights how GenAI and deepfakes contribute to the spread of misinformation and disinformation, creating greater challenges for journalists and educators in an increasingly polluted information environment. The session also includes an interactive activity where participants will try to distinguish between real images and deepfakes. It will conclude with group discussions on how deepfakes may affect education and whether a deepfake literacy framework is needed.

Sobre Peter Mozelius:

Peter Mozelius is an Associate Professor and Researcher working at Department of Education, Psychology and Social Work at the Mid Sweden University in Sundsvall, Sweden. His research interests are in the fields of AI in education, Game-based learning and Lifelong learning. Beside his research and thesis supervision, Peter teaches in various courses on AI in education and Academic writing.