

## **Enhancing Referencing in Artistic Research Through AI: A Critical Perspective by Prof. Ibrahim ARPACI**

This presentation explored how artificial intelligence (AI) can enhance the referencing, accessibility, and impact of artistic research within the framework of COST Action CA23158 *Artistic Intelligence – Responsiveness, Accessibility, Responsibility, Equity (ARTinRARE)*. While artistic research generates valuable knowledge, it is often under-referenced and poorly integrated across disciplines. AI offers powerful tools to address this challenge by making artistic outputs more searchable, traceable, and connected to wider knowledge networks.

The talk examined the role of natural language processing, computer vision, audio–video analysis, and knowledge graph technologies in supporting interdisciplinary connections and improving research evaluation. It also highlighted how generative AI reshapes creativity—boosting productivity and value while introducing trade-offs in originality and stylistic diversity. Furthermore, the presentation engaged with critical ethical and legal issues, including transparency in AI use, challenges to authorship and ownership of AI-generated works, and disputes over copyrighted training data.

The key argument emphasized that AI should be viewed as a co-creative partner rather than a replacement for human creativity. The most impactful outcomes arise from the synergy of human ideation and filtering with AI's generative capabilities. By integrating AI responsibly, artistic research can achieve greater visibility, credibility, and sustainability across disciplines.

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