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Presentation Title: “Senses in the Mix: Towards a synaesthetic-oriented toolbox for Artistic Artificial Intelligence”

Abstract: In an era where machine creativity and cross-sensory experiences, contribute to the formation of novel User Experiences (UX), this presentation discusses prior research that posit the idea to introduce synaesthetic-oriented approaches in designing virtual (e.g. remote) and co-located experiences for enhanced UX and performance. This prior research lays the foundations for reflecting on conceptual design frameworks for Artistic Intelligence Toolkits designed to reimagine how we interpret, interact with, and generate artistic metadata. Going beyond conventional tags and descriptors, the design of such toolkit could mobilise principles of synaesthesia — the neurological blending of senses — to encode metadata as immersive multimodal signatures. Colour becomes rhythm, texture becomes tone, and concept becomes movement, forging new pathways for both human-machine collaboration, creative insight and democratic sharing of artistic experiences that capture diverse multimodal journeys of both artists and audiences. Such an approach invites artists, curators, and developers to embrace a paradigm where metadata is not just descriptive, but sensorially evocative changing its boundaries and creating bridges between technology, cognition, and imagination.