



AI and the future of Art

International Conference 28/29/30 November, 2022



University of Luxembourg

within the framework of Esch 2022 - the Cultural Capital of Europe

November 28, 2022

09h:00 - 18h:00

AIFA

Artificial intelligence and the Future of Art
Online and
the Computational Creativity Hub (CCH)

14h:00 - 18h:00

JAIFA

Junior workshop: machine learning For Art Production
University of Luxembourg, Campus Belval, Maison du Savoir
room MSA 3.110

09h:00 - 09h30

AIFA 2022 Event Opening (welcome address)

Christoph Schommer

*Associate professor in Artificial Intelligence at the University
of Luxembourg. Chair of AIFA 2022*

Prof. Jean-Marc Schlenker

Dean of the Faculty of Science, Technology, and Medicine

Anouk WIES

Strategic Advisor - Cell for Cultural Affairs

Time	Speaker (s)	Talk
09h:30 - 10h:00	Martha Gabriel <i>Professor at PUC-SP, the Catholic University of Sao Paulo. Artist and researcher in Art. Author of best sellers, TEDx speaker. One of the most influent digital thinkers of Brazil.</i>	The Art of NFT: Trends and Thoughts
10h:00 - 10h:30	Alessandro Tugnetti <i>PhD candidate at the department of Finance at the University of Luxembourg</i>	Non-Fungible Tokens (NFTs): A Review of Pricing Determinants, Applications and Opportunities
Break		
11h:00 - 12h:30	Panel discussion "AI and the Future of Art»	MODERATOR: Yeşer Sarıyıldız Cofounder of a digital agency in Turkey, curator focused on digital art & NFT, moderator of technology-focused events, speaker & story teller, mentor for startups and columnist.
Lunch		
14h:00 - 14h:30	Triana Sanchez Hevia <i>Teacher and Researcher and Artist at the University of Fine Arts of Seville on the aesthetic-body inconnection</i>	Aesthetics of Neural Networks: realistic images and the feeling of the uncanny.
14h:30 - 15h:00	Moises Sanabria <i>Interdisciplinary artist</i>	NFTs and Creative Acceleration through AI
15h:00 - 15h:30	Tania Fraga <i>Artist and professor in interactive Computer Art</i>	Paradoxes and Parodies: poetic, aesthetic, and technical transactions between Humans and Machines
15h:30 - 16h:00	Lucas Buk Cardoso <i>Control and Automation Engineer from Instituto Mauá de Tecnologia and technician in Industrial Automation from ETEC Jorge Street</i>	Machine learning for predicting death and survival of cancer patients in São Paulo state

Break		
16h:30	16h:45	<p>Rafael Garrido Vilchez <i>Prosthetic artist focused on the study of flesh and anatomy</i></p> <p>The Prosthetic body. The solution for an obsolete machine</p>
16h:45	17h:00	<p>Alexandra Gabriela Gonçalves <i>Transdisciplinary artist, creator and researcher in the field of arts and body.</i></p> <p>Artificial Improvisation</p>
17h:00	17h:15	<p>Jaime Lobato <i>Transmedial artist, composer, curator and researcher</i></p> <p>Alchemical Gardens. An implementation of a neural network in a chemical computer and its use as a tool for Live Coding</p>
17h:15	18h:00	<p>VR ART Exhibition opening</p>
17h:15	17h:45	<p>Rosangella Leote <i>An artist. International and Interinstitutional Researcher on Art, Science and Technology. Curator and organizer VR exhibitions at AIFA</i></p> <p>AIFA2022 - virtual reality exhibition: is there a gap between Artificial Intelligence and Natural Intelligence</p>
17h:45	18h:00	<p>Rodrigo Rezende <i>Artist at Coletivo RE (C) organizes and develops research with free software and hardware</i></p> <p>Rodrigo Dorta Marques <i>An artist and Doctoral Student in Visual Arts at Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP, 2019)</i></p> <p>Creating artistic VR experiences</p>

November 29th, 2022

09h:00 - 09h:30

Smart Wearable Summit Opening

Time	Speaker (s)	Talk
09h:00 - 09h:30	Yolanda Spinola-Elias <i>Artist and professor at the Faculty of Fine Arts of the University of Seville, SW designer</i>	The artistic role of AI in the Smart Wearables
09h:30 - 10h:00	Malou Beemer <i>Dutch Smart Wearable designer and researcher</i>	The future of adaptive caring garments
10h:00 - 10h:30	Sara Urasini <i>Design Consultant / Head of Wearables, Design Partners</i>	INTERWOVEN TECH - Bridging the gap
Break		
11h:00 - 12h:30	Panel discussion "Future of Fashion"	MODERATOR: ViraDG Ukrainian-born multifaceted visual artist with 22 years of diverse experience in the art world. Vira is an award-winning AR/VR/WebXR/AI artist. Official member of the Ukrainian Pavilion of the 58th Venice Biennale. Honorary member of the Dell Women's Entrepreneur Network (DWEN) UK. Speaker at I'M Design Conference. Speaker at VRAR Immersive Global Summit. Founder of UNIMUSEUM (Universal Museum in Metaverse & Beyond for Human Rights and Solidarity)
Lunch		
14h:00 - 14h:30	Fernando Fogliano <i>PhD and Master in Communication and Semiotics from PUC-SP, Co-coordinator of the Science Art and Technology Group cAt-UNESP, participant of the International Group of Research on Convergences between Art, Science and Technology at UNESP, GIIP</i>	Artificial Intelligence and Decolonization: Activism in Art and Technology

14h:30	15h:00	<p>Sérgio Roclaw Basbaum <i>Researcher, musician and multimedia artist, Bachelor in Cinema, Master and Doctor from Pontifical Catholic, the University of São Paulo</i></p>	The invention of the Chromosound: challenges for the development of a possible language
15h:00	15h:30	<p>Rachel Zuanon <i>Researcher and Profesor. Doctor of Communication and Semiotics State University of Campinas [UNICAMP] · Institute of Arts School of Civil Engineering, Architecture and Urban Planning</i></p>	"Homeodynamic Art: affective experiences to the human organism combining Virtual Reality, Artificial Intelligence and Wearable Technologies"
15h:30	16h:00	<p>Agda Carvalho <i>Visual Artist and Curator. Post-Doctorate in Digital Humanities- Media Lab – UFG. Post-Doctorate in Arts - Institute of Arts of UNESP. PhD in Communication Sciences - University of São Paulo. Professor and Researcher at Instituto Mauá de Tecnologia- Brazil.</i></p>	Smart Wearable and Nature
Break			
16h:30	17h:00	<p>Lars Wieneke <i>Head of the digital research infrastructure of C2DH at the University of Luxembourg</i></p> <p>Aida Horaniet Ibañez <i>Doctoral Researcher at the Center for Contemporary and Digital history at the University of Luxembourg</i></p> <p>Dagny Aurich <i>PhD in Historical Exposomics (LuxTIME project) in the Environmental Cheminformatics group at the Luxembourg Center for Systems Biomedicine.</i></p> <p>Sean Takats <i>Leads the Digital History Advanced Research Projects Accelerator (DHARPA) at the Luxembourg Centre for Contemporary and Digital History (C²DH).</i></p> <p>Petros Apostolopoulos <i>Postdoctoral Researcher in Digital History and Historiography working on the LuxTIME project</i></p> <p>Grace Di Méopostdoctoral <i>Researcher working on the LuxTIME project.</i></p>	Luxembourg Time Machine
17h:00	17h:15	<p>Maria del Mar Garcia-Jimenez <i>PhD in Fine Arts, HUM1045 research team, University of Seville and teacher of Art</i></p>	CRYPTOGRAPHIC ART. A BRIEF STATE OF THE QUESTION
17h:15	18h:00	VR TimeLine Exhibition opening	

November 30th, 2022

Time	Speaker (s)	Talk
09h:00 - 09h:30	<p>Matej Mertik <i>Assistant professor and head of the Web and information technologies programmes at Almamater Europaea ECM</i></p>	Applied Artificial Intelligence, Interdisciplinarity and Education
09h:30 - 10h:00	<p>Manuela Naveau <i>University professor, independent curator and art-based researcher</i></p>	Code & Algorithm: What is wisdom in a calculated world
10h:00 - 10h:15	<p>Thorsten Kressig <i>German-European artist with an intense background in the creative industries and education</i></p> <p>Prince Yaw Gharbin <i>Student in computer Science at University of Luxembourg</i></p> <p>Sana Nouzri <i>Postdoctoral researcher, Department of Computer Science, University of Luxembourg</i></p>	OUT OF THE LOOP – When robots give you the middle finger
10h:15 - 10h:30	<p>Thorsten Kressig <i>German-European artist with an intense background in the creative industries and education</i></p> <p>Prince Yaw Gharbin <i>Student in computer Science at University of Luxembourg</i></p> <p>Sana Nouzri <i>Postdoctoral researcher, Department of Computer Science, University of Luxembourg</i></p>	DEUS-X-MACHINA – A theological Turing test
Break		

11h:00	11h:15	<p>Amy Spiteri <i>Electrical and electronics engineering graduate, currently concluding her master's in artificial intelligence at the university of Malta</i></p> <p>Vanessa Camilleri <i>Academic at the Department of Artificial Intelligence, Faculty of ICT, University of Malta</i></p> <p>Dylan Seychell <i>Resident academic at the University of Malta within the department of Artificial Intelligence, specialising in Computer Vision</i></p>	<p>Investigating Neural Style Transfer techniques for Chiaroscuro Paintings</p>
11h:15	11h:30	<p>Stefan Capitanescu <i>Bachelor student in Computer Science at the University of Luxembourg</i></p> <p>Alessandro Temperoni <i>Ph.D. at the University of Luxembourg</i></p> <p>Christian Franck <i>Research scientist at the University of Luxembourg</i></p>	<p>“The Origins Of Chess” A Digital 3D Chess Artwork with Physics & AI</p>
11h:30	11h:45	<p>Alla Gubeno <i>Ph.D. at the University of Luxembourg</i></p> <p>Jeanine-Estelle Vallecalle <i>Master's student</i></p> <p>Claude Houssemand <i>Professor of Differential Psychology, head of the Department of Education and Social Work, head of the Institute of Lifelong Learning and Guidance</i></p>	<p>Evaluation of Artificial Creativity Using Existing (Human) Creativity Tests: A Scoping Review</p>
11h:45	12h:00	<p>Pablo Corvillo Aguilera <i>Artist and researcher in art and technology, University of Seville</i></p>	<p>The creation of landscapes through artificial intelligence, utopias, dystopias and new paradigms.</p>
12h:00	12h:30	<p>Egberdien van der Peijl <i>Conceptual artist</i></p>	<p>Classification of Industrial Monument as 'Readymade' provides better recognition in Drone Vision.</p>
<p>Lunch</p>			

14h:00	14h15	Paola Torres Núñez del Prado <i>Peruvian multimedia artist and researcher</i> <i>Honorary Mention @Prix Ars Electronica, 2021 - Google Artists + Machine Intelligence Residence Grant recipient.</i>	The reconstruction of the unseen: Using the power of Neural Radiance Fields (NeRFs) for Artistic Activism
14h:15	14h:45	Fabiola Larios <i>Interdisciplinary Artist</i>	Bias in AI, what happens in AI Art
14h:45	15h:15	Minne Atairu <i>Interdisciplinary Artist, doctoral student at Columbia University</i>	Using Machine Learning to Imagine reimagine gaps in African Art History
15h:15	15h:30	Jose Manuel Berenguer Alarcón <i>Coordinator and professor of Psychoacoustics and Experimental Music University of Barcelona</i>	D'eco a Siringa
15h:30	16h:00	Denis Shtefan <i>CTO and Co-founder of AIVA</i>	Computing Harmonies: How AI could compose a personalized soundtrack to your life
16h:00	16h:20	José Ramón Alcalá Mellado <i>Professor of the Faculty of Fine Arts of Cuenca, University of Castilla-La Mancha</i>	The new paradigms of artistic practice introduced by the development of digital art as a reference for the programming of artificial intelligence art
16h:20	16h:30	Christoph Schommer <i>Associate professor in Artificial Intelligence at the University of Luxembourg. Chair of AIFA</i>	Closing address
16h:30	Conference closes		



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