

SciArt Resonances IV Summer School
20th – 24th June 2022

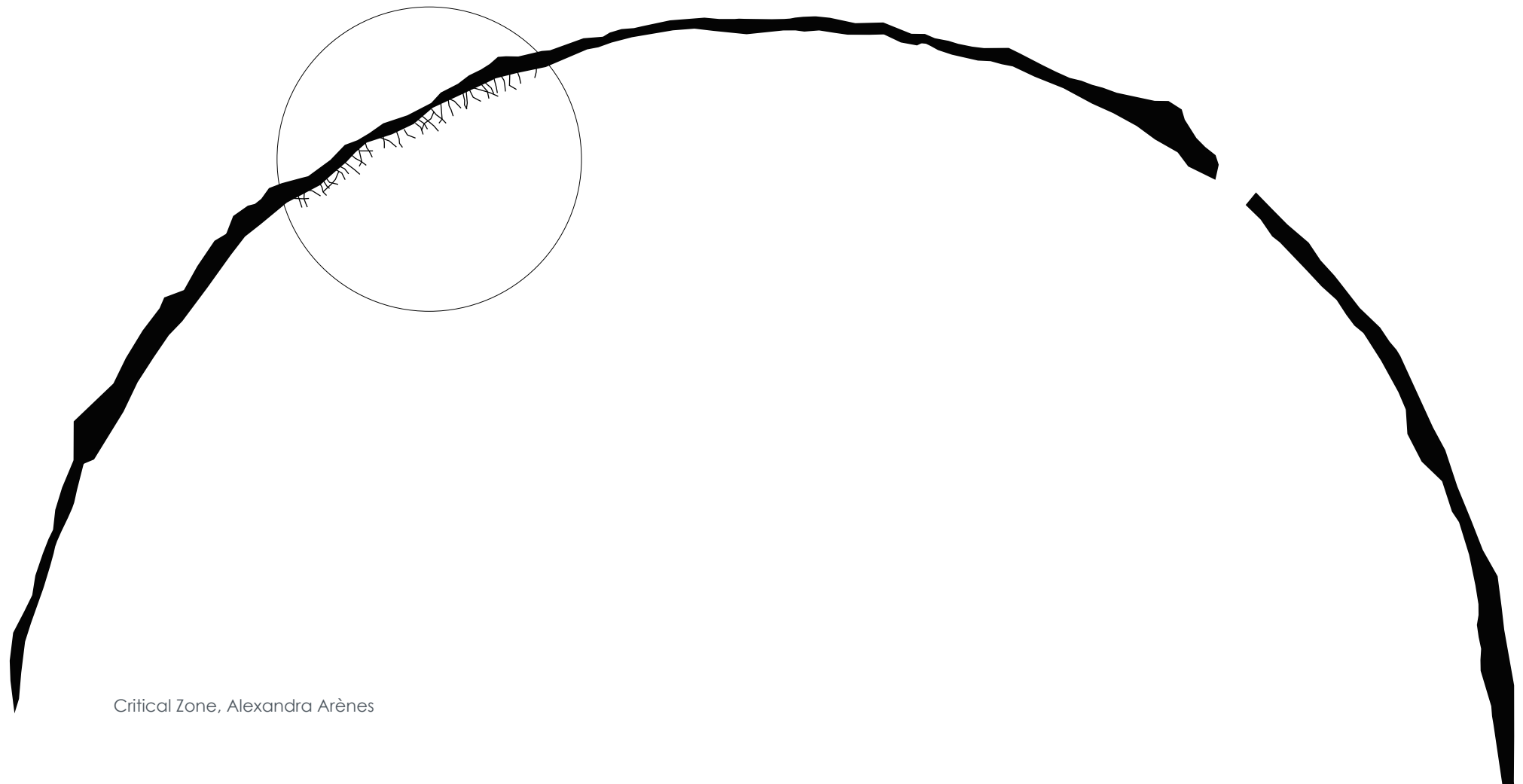


#jrsciart #naturarchy

NaturArchy

PARTICIPANTS





Critical Zone, Alexandra Arènes

Artists



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all others: Gregoire Dubois



Kristin Bergaust is an artist, researcher and professor at the Faculty of Technology, Art and Design in OsloMet. She is educated at the National Academy of Fine Art in Oslo and Oslo University. Kristin is known as an early Norwegian pioneer in media arts with a social perspective, active in many artists' initiatives and organizations. She works with video, animation, digital imagery, sound and installation. She also curates exhibitions, screening programs and presentations and writes and edits related texts. Currently, she initiates transdisciplinary efforts to ecological and transcultural processes in urban contexts through artistic research and technological developments. Most importantly, she developed Oslofjord Ecologies as an artistic research project since 2015 and leads the transdisciplinary artistic research project FeLT-Futures of Living Technologies. Her interests are invested in contemporary art and artistic work methods to contribute to and critique societal developments and possible ideas of shared futures.

📷 @kristinbergaust
www.kristinbergaust.com/



Gala Berger (Villa Gesell, Argentina, 1983) is a visual artist and independent curator, currently living in Lima, Perú. Berger's work is rooted in Latin America, and for the development of her projects she builds independent spaces. Co-founder of Casa MA [2018-2022] a community committed to the dissemination of creative practices generated by diverse identities in the territory of Costa Rica, Central America and its diaspora. Berger has also worked extensively in Buenos Aires, Argentina, where she is co-founder of La Ene (New Energy Museum of Contemporary Art 2010 - 2020) experimental museum, and co-founder of the Paraguay Printed Art Fair. Also between 2012 and 2014, she directed two exhibition spaces: Inmigrante [Immigrant] and Urgente [Urgent]. She has held individual and collective exhibitions in Santo Domingo, São Paulo, Lima, Los Angeles, Mexico City, Buenos Aires, Seoul, Querétaro, Sorocaba, Medellín, Montreal, Tampere, Río de Janeiro, San Juan, among others.

📷 @galen_gb
www.galaberger.com/





Penelope Cain is an artist with a research science background. Her art practice is located interstitially between scientific knowledge and unearthing connective untold narratives in the world; using video, installation, objects, flags, text, public participation in storytellings about the lands of the Anthropocene. Her work has been exhibited in commissioned and curated exhibitions nationally and internationally in Brazil, Britain, Australia, Taiwan, China and Korea. She was awarded the S+T+ARTS Repairing the Present residency in The Hague (2022), where she is working at the intersection of art, science and technology, and with lichen as an entry point to consider interspecies collaboration, notions of microrewilding and 'lichen time'. In this research she is developing tiles to invite lichen growth, working with algal and fungal print pigments as well as a virtual 3D urban micro-rewilding environments. Working with In4Art, Witteveen +Bos and institutions including the City of the Hague, Delft TU, Dutch Bryological and Lichen Society.

More on this project here:

<https://www.in4art.eu/project/repairing-with-lichen/>

<https://penelopecain.com/nature-and-city-led-by-lichen/>



 @penelopecain
 @penelopecain
 @penelopecain
www.penelopecain.com



Olga Kisseleva, Ph.D., Professor at the Sorbonne Contemporary Art department and Director of the Art&Science International Institute is one of the key figures in international art&science field. She has had major exhibitions in Modern Art Museum (Paris), KIASMA (Helsinki), Museo Nacional Centro de Arte Reina Sofia (Madrid) Fondation Cartier for contemporary art (Paris), Centre Georges Pompidou (Paris), Guggenheim Museum (Bilbao), NCCA (Moscow), as well as Biennales of Dakar (2002), Tirana (2003), Moscow (2011), Istanbul (2013) and Venice (2019). Her works are present in many of the world's most important museum collections, including, the Centre Pompidou, Louis Vuitton Foundation, ZKM, Moscow Museum of Modern Art and the NY MoMA.

In 2020 for her EDEN (Ethics - Durability - Ecology - Nature) project focused on plants' intelligence Olga Kisseleva awarded the S+T+ARTS Grand Prize for innovative collaboration between technology and art that opens new pathways for innovation.

Since 2022 Olga Kisseleva is artist in residence in MAXXI (Rome) and Sony Computer Lab (Paris) for her project Cities Live Like Trees, an invitation to reflect on innovative perspectives for the improvement of the quality of urban life in the frame of the international program Repairing the Future.

 @olga.kisseleva
 @olgakisseleva
<https://starts-prize.aec.at/en/eden/>
<https://youtu.be/-XHaIE18FjU>



Yiannis Kranidiotis is an artist whose work explores the relationship between science and art using mainly light, motion and sound to create spaces and experiences where all coexist and interact. He is interested in physical phenomena like the harmonic oscillation, the natural repeatability and the wave movement and also in exploring and transforming scientific data, like the properties of the exoplanets or the solar wind. The increasing pollution of the planet with plastic and the effects on the oceans and on the environment in general are issues that also affect his practice. Many of his works include motion and interaction where others include data processing and sonification methods. This requires cross-disciplinary work with sound, visual arts, coding, electronics and physics. His work has been presented in many festivals and exhibitions. He has a BS in Physics from the University of Patras and an M.Sc. in Optics from Essex University.

 @ yanniskra
www.kranidiotis.gr



Athena LaTocha lives and works in New York. She was raised in the Alaskan wilderness, and from an early age, has been fascinated by the shaping of the earth, both by natural events as well as humankind's impact upon it. LaTocha's process begins with deep observation of and research into the land in which she is working, which informs her artistic approach on all levels. Recent exhibitions include: Greater New York 2021, MoMA PS1, BRIC, Brooklyn, the Visual Art Center of New Jersey, the New Orleans Museum of Art, the Plains Art Museum, Fargo, ND, Crystal Bridges Museum of Art, Bentonville, AR, among others. LaTocha currently has a solo exhibition of new work on view at JDJ the Ice House in Garrison, New York. Also, her solo exhibition Mesabi Redux opens at the IAIA Museum of Contemporary Native Arts, Santa Fe in New Mexico, on June 10, 2022.

 @ athena_latocha
 @AthenaLaTocha
www.athenalatocha.com



Ingrid Mayrhofer-Hufnagl is an experimental architect, researcher, and educator from Austria. She received her PhD from the University of Innsbruck, where she currently also holds a postdoc position. In the past, she has been a visiting scholar at Yale School of Architecture in New Haven, at the ETH in Zürich, and has taught and lectured at numerous venues. Her arts-based research has been supported by the Austrian Federal Ministry of Arts and Culture, the Ministry of Science and Research, and the Young Scientist's program by the University of Innsbruck amongst others. Some of her most recent work has been exhibited in the Rolex Center in Lausanne (2021). In 2019 she founded the multidisciplinary think tank A[l]rchitectural Minds as a collaborative practice of the human, the natural, and the machine. It envisions the augmentation of nature into a new kind of architectural environment using AI technologies.



Lorenzo Montanini (1980) is an Italian director, performer, teacher and creator. He trained with many artists and in a variety of disciplines in Italy and abroad such as B. Meyers, The Living Theatre, Milon Mela, A. Bogart and the SITI Company. He studied cinema at the New York Film Academy, trained in the Suzuki method and Viewpoints at Columbia University and Skidmore College. He holds an MA in Performance Making at Goldsmiths University and is completing a Phd at Queen Mary's University. Striving to create a theatre that is intimate and epic at the same time, Lorenzo directed more than 30 shows and performances in Italy and abroad. His work is multidisciplinary, multilingual and always trying to cross boundaries pushing the definition of theatre and live performance. His works have been presented in many theatres and festivals such as Festival Iberoamericano de teatro de Bogotá, Festival Iberoamericano de Cadiz, Napoli Teatro Festival, Longlake Festival, Tramedautore, LOOP Festival, Piccolo Teatro (Milan), Teatro Mayor Julio Mario Santo Domingo (Bogotá), La Mama Etc (NYC), Steppenwolf theater (Chicago), LATC (LA) among others. He worked in universities in Italy and in the UK, teaching and directing for the past 17 years. He has also worked with the JRC (Resonances Festival 2017) and with the United Nations (2008 - NYC), participating in projects aimed at building dialogue between art, science and politics.

www.lorenzomontanini.com/



Sam Nester is an Australian born, New York City based musician. Using data sonification to create his compositions and sound installations, Nester aims to bring the environment from the background into the foreground at a critical time for environmental awareness. His Arcadia project (2019-present) uses technology to convert the live bio-rhythms of native plants to MIDI data to create immersive site-specific sound and light installations. In 2021, Nester spent time as the artist-in-residence for Hawai'i Volcanoes National Park, designing musical scores from seismic data collected by the United States Geological Survey (USGS). Between the years of 2015-2018, he traveled from deep in the Australian outback to 320 miles north of the Arctic Circle, interviewing dozens of individuals about life on the frontier in the age of technology. This audiovisual project, Back of Beyond, explores lessons about climate change, Indigenous rights, and community.

📷 @1snester
www.samnester.com



Nonhuman Nonsense is a research-driven design and art studio creating near-future fabulations and experiments somewhere between utopia and dystopia. By embracing the contradictory and the paradoxical we aim to redirect focus to the underlying ethical issues. We seek to transmute our relationship to the non-human – telling stories that open the public imaginary to futures that currently seem impossible. Working in the embryonic stages of system transformation, in the realm of social dreaming and world-making. We use storytelling as tools for reflection of the present, not to create dreams of futures, but to stop for a moment to take a look at how narratives drive the continual creation of “the world”. Examining how, for example, human domination leads to destructive ways of relating to other beings. We are looking forward to engaging in discussions about themes such as: Rights for nature and nonhumans / (space) decolonization / mythology and anthropomorphism / entanglement and interbeing.

📷 @ nonhuman_nonsense
www.nonhuman-nonsense.com



Ingrid Ogenstedt is a Swedish born artist who works both with large sculptural projects and drawing. She studied at Umeå Art Academy (SE) and under Prof. Ingo Vetter at University of the Arts Bremen (DE). She has created site-specific sculptures for Galerie Wedding, Berlin (DE), the Luleå Biennale 2020 (SE), Wadden Tide, Blåvandshuk (DK) and Kjerrinøy Land Art Biennale (NO). She recently was given a two-year-working grant from the Swedish Art Council and was one of the fifteen selected artists for the Goldrausch Program 2021 in Berlin (DE). I love crossing of interest and to meet professionals who are as passionate about their work as I am. I truly enjoy learning about new materials, discussing ways to solve a specific problem, technical, ecstatic or economical. Collaborations always generates new ideas and unexpected results. I change my materials as a way to push myself in new directions. This is also a reason for me to reach out and find new contexts and interesting people to collaborate with. To find experts and people who have knowledge that I lack, but put in conversation with, both parties have something to gain. Creativity thrives to think new thought, imagine the unimaginable and bend the rules of reality and create/find new rules. Put yourself in the risk of failing, but thats what you pay to always try new ideas, new settings and step outside that what you know to be true.

ingrid.ogenstedt.com

📷 @ingridogenstedt
www.ingridogenstedt.com



Fara Peluso is a Berlin based artist-designer which through a speculative methodology pursues a deep research on algae poetry and agency. Peluso investigates possible closer relationships between human beings and algae organisms focusing her work on both the material and the procedural aspects. Through the design of fictional artifacts that tell the story of possible future scenarios she wants to raise critical questions about the quality of our lives and choices. Between 2018 and 2020 Peluso has been s guest at the Institute of Biotechnology TU Berlin as a resident artist for the project 'Mind the Fungi', a two-year collaborative project between the Technical University Berlin, the Institute for Biotechnology and Art Laboratory Berlin. From February 2022 she's in residency at Ars Electronica, regional S+T+ARTS center in Linz, with her new collaborative project 'Circular Records' about LP bioplastic manufacturing.

📷 @farapeluso
www.farapeluso.com



Margherita Pevere is an artist and researcher whose practice glides across biological arts and performance with a distinctive visceral signature. Her inquiry hybridizes biotechnology, ecology, environmental politics, gender and death studies to create arresting installations and performances that trail today's ecological complexity. Her body of work is a blooming garden crawling with genetically edited bacteria, cells, sex hormones, microbial biofilm, bovine blood, slugs, growing plants and decomposing remains. She would not be the artist she is today without the many collaborations across art, science and humanities. Together with Marco Donnarumma and Andrea Familiari she co-founded the artists' group Fronte Vacuo. She is member of the Finnish Bioart Society, of The Queer Death Studies Network and of The Posthumanities Hub. She is completing a PhD at Aalto University on biological arts and queer studies.

📷 @margheritapvr
www.margheritapevere.com
www.frontevacuo.com



Giovanni Paolo Randazzo (Bogotá, 1975) is a multimedia artist, graduated from the University of Vincennes, Paris VIII (France), with a Master's in Contemporary Art and New Media from the same University. Since 2016 he works as teacher of the Chair of Audiovisual Installation for the Department of Art of the University of Los Andes (Bogotá). Additionally, he leads a research group called Imágenes de segunda mano, whose work focuses on the appropriation of archive in contemporary art and cinema. His practice centers on the construction of audiovisual narratives that suggest deep reflections on environmental issues like climate change and biodiversity loss. Nourished by the confluence between art, science, and technology his work takes multiple forms in videos, installations, photographic series, and pictorial installations. He has exhibited internationally in museums, galleries, artistic institutions, and independent spaces in France, Italy, Germany, Spain, Paraguay, and Colombia.

📷 @giovannipaolorandazzo
www.giovannirandazzo.com



Claus is a trained biologist and artist from Berlin. He is currently studying the master program Art&Science at the University of Applied Art Vienna. His main interests are the non-human and science theory, that which he narrates and researches through a multi-media art practice and collaboration with scientists. His works make use of sound and music, moving image and objects to demonstrate how a human condition is embedded in a scientific practice. He has worked with chemical regimes of production, biotechnology, radio and micrography and is eager to learn new scientific methods.

📷 @ claus_schoening
www.csly.cargo.site



Victoria Vesna, Ph.D., is an artist and Professor at the UCLA Department of Design Media Arts and Director of the Art | - Sci center at the School of the Arts and California NanoSystems Institute (CNSI). Although she was trained early on as a painter (Faculty of Fine arts, University of Belgrade, 1984), her curious mind took her on an exploratory path that resulted in work can be defined as experimental creative research residing between disciplines and technologies. With her collaborative art projects, she investigates how communication technologies affect collective behavior and perceptions of identity shift in relation to scientific innovation. Her work involves long-term collaborations with composers, nano-scientists, neuroscientists, evolutionary biologists and she brings this experience to her students. Victoria has exhibited her work in 30+ solo exhibitions, 80+ group shows, was published in 20+ papers, multiple book chapters and gave 100+ invited talks in the last decade. She is the North American editor of AI & Society journal (Springer Verlag, UK) and in 2007 published an edited volume - Database Aesthetics: Art in the Age of Information Overflow (Minnesota Press) and another in 2011 -- Context Providers: Conditions of Meaning in Media Arts. (co-edited with Christiane Paul and Margot Lovejoy) Intellect Ltd, 2011. Currently she is working on a series of artist books including the Hox Zodiac "cookbook".

📷 @ victoriavesna
www.victoriavesna.com



Marina Wainer is a Paris-based artist. She develops a transdisciplinary practice at the crossroads of creation, research and innovation. First deployed in the field of interactive art, then turned towards curatorial events and education, her work proposes sensitive experiences and places the public at the heart of the device. The artist explores both societal issues and spaces of representation to create new perceptions and open up horizons. Three years ago, she started working on the Wild Diplomacy project, around representations of natural elements if they had legal status. A shift in perspective regarding Nature's right to exist for itself, which raises the point of how natural elements are subjectivated in Western culture. The intention is to consider the perceptions of non-human expressions; to make perceptible thoughts from other worlds; to invent languages to communicate with ecosystems, in a posture of dialogue that staggers our anthropocentric positioning.

📷 @marina_wainer
www.marinaestelawainer.com



JD Whitman is an installation artist, educator, and ocean advocate conducting interdisciplinary research in the United States and Ireland. She investigates how art, scientific inquiry, technology, and public engagement can be combined to circumvent ecophobia, eco-anxiety, and climate anxiety in environmental education; facilitate effective science communication; provide nature-based, experiential learning opportunities; increase ecoliteracy rates; and drive collective action. Through multidisciplinary collaborations, she works to develop, implement, and evaluate creative methods for translating marine research to target audiences through community-specific, interactive installations. Currently, JD is the Director of the Global Youth Mentor (GYM) Program at Plastic Tides, a nonprofit dedicated to inspiring and catalyzing action towards a plastic-free future through adventure, education, and youth empowerment. She holds an MFA in Photography, MFA in Sculpture, and MA in Studio Arts (University of Iowa, 2019); a Post-Baccalaureate in Fine Art (National University of Ireland, Galway, 2014); and a BA (University of Chicago, 2013).

📷 @plasticity_project
www.jdwhitman.com



I am a media artist, originally from New Zealand and based in Berlin. My practice explores the spatial and emotional possibilities of light, sound and image in immersive and performative environments. Currently, I am investigating how immersive experiences and game environments can become tools to tell meaningful stories from other-than-human perspectives and build better relationships with ecologies. Topics that fascinate me are: the entanglement of earth systems with human systems, making the invisible visible, storytelling as a tool for change and amplifying non-human perspectives. The question 'How can my work challenge and motivate audiences to take action, to become engaged?' is a new one that motivates me. I get excited about cross-disciplinary collaboration and am pushing my practice towards projects that bring together art, science and technology.

📷 @jemthemisfit
www.jemmawoolmore.com



Hana Yoo is interested in investigating the collective anxiety and transcendental experiences, formulated from the natural-artificial process of reversing perspective. Working in film and multimedia installation, she engages with the allegory of nature and technological appropriation in the context of human-environment transformation and reconstructs them through storytelling. She studied Media Arts at the Berlin University of Arts and her previous awards include a film/video work grant from the Berlin Senate, a work grant from the Seoul Foundation for Arts and Culture, research grants from the Stiftung Kulturwerk, Kunstfonds Bonn, and Arts Council Korea. In 2021 she held a solo exhibition at Post-territory Ujeongguk, Seoul, and in 2020 at Diskurs Berlin. Her works also have been shown at museums and festivals including the Fotomuseum (Winterthur, CH), European Media Art Festival (EMAF, DE), and Busan International Video Art Festival (Busan, KR) among others.

📷 @hanayoo.oooo
www.yoohana.net



Researchers & Policymakers





Michele has been working in policy analysis and development and project management in the areas of culture and education, human rights and democracy for several international organisations (Council of Europe, UNESCO, European Union). He is currently policy analyst at the Joint Research Centre of the European Commission. He has been collaborating with universities and research institutes – such as the British Institute of International and Comparative Law and the University of Technology of Sydney - on research projects on international law of cultural heritage, the relationships between culture and human rights and the role of culture in international relations. He is currently PhD candidate at the University of Geneva with a thesis on the intersections between cultural heritage and human rights. Michele has also been working with several NGOs active in the field of cultural cooperation and he is of the founders of HAPE Collective, a platform of djs and musicians that promotes barriers-breaking musical encounters.

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Anna Berti Suman is a Marie Skłodowska-Curie fellow at the European Commission Joint Research Centre. She is principal researcher of the project „Sensing for Justice“ aimed at studying the potential of civic monitoring as a source of evidence for environmental litigation and as a tool to foster environmental mediation. SensJus also explores intersections of art and scientific inquiry. Beyond research, Anna is also a passionate environmental lawyer, being Qualified Barrister under the Bar of Rome and following cases at 'Systasis - Study Centre for the Prevention and Management of Environmental Conflicts', Milan. Anna obtained her PhD from the Tilburg Institute for Law, Technology, and Society, The Netherlands, which included fieldwork in Fukushima, Japan, on civic monitoring of nuclear radiations. Anna has work and research experience in health law and technology (UK), in environmental litigation (in the Ecuadorean Amazon Rainforest) and water law (working on water conflicts in Chile).

www.sensingforjustice.webnode.it/about-us/



Hello! My name is Danijela Brkovic and I am currently working at the European Commission, DG of International Partnerships focusing on sustainable development and policy in partnership with the United Nations and the World Bank as part of my degree requirements. I am originally from Victoria, British Columbia, Canada where I am finishing my degrees in Political Science with a concentration in European Studies and Social Justice Studies. I also have a diploma in Public Relations, which I hope to one-day use towards informing people about responsible and sustainable technologies and policies for our shared future. Having the opportunity to exchange ideas and create new narratives to help spread the message of the EU Green Deal is something the world needs more of. It is a great pleasure to be spending my summer in Europe and here in Italy for the next week with all of you. I am happy to be a part of this shared learning experience and excited to see what it may bring.



I am Caterina. I have joined the Water and Marine Resources unit at JRC Ispra past July. In the water quality laboratory, I support the citizens engagement project “The gems of water”, which belongs to the work of the Social Engagement Platform of the World Water Quality Alliance. The project aims at linking an advanced method of water quality monitoring to citizens of local communities around the world. Trained as Environmental Engineer and researcher in water treatment at the University of Tokyo, I went on to study a Master at the University for Peace in Costa Rica, where I focused on the complex relationship between sustainable development, natural resources and peace. Working on “The gems of water” project, I really found the path I want to walk in the future: I am convinced that interdisciplinarity is essential if we want to solve the issues we are facing today!

📷 @aaguacaate



Graziano Ceddia is a social scientist with a background in applied environmental economics and political economy. He has been working on a range of topics at the interface between social and environmental sciences, with a strong focus on agricultural expansion and deforestation in the Global South. Between 2016 and 2021 he has been leading a research project funded by the European Research Council (ERC) studying the impact of governance structures and indigenous peoples land rights on deforestation in the Chaco Salteño (Argentina). He has worked at different universities across Europe. He is currently working as a scientific research officer at the European Commission's Joint Research Centre on issues related to the social and environmental impact of agriculture, with a special focus on the role of agroecology.

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Dr. Sandra Coecke, senior scientist at EC JRC has a Science, Technology, Engineering and Mathematics-based education from the Free University of Brussels followed by PhD degree at the Free University of Brussels, Faculty of Medicine and Pharmacy. She has been managing and leading scientific teams since the 90'ies first in pharmaceutical industry and later joining the EC JRC. She has more than 30 years' experience in alternative toxicity methods. In 1994 she was already awarded the International Prize from the Foundation for the Substitution of Animal Experimentation and in 2020 was the recipient of the Björn Ekwall Memorial Award (BEMA) for the development and validation of new in vitro cell- and tissue-based methods based on good in vitro method practices. She has established and managed the European Union Network of Laboratories for the Validation of Alternative Methods (EU-NETVAL), which includes 35 high quality laboratories across Europe. At the EC JRC she currently acts as a multi-stakeholder horizontal team leader for Farm to Fork (Feed & Food) models and methods for One Health. She published over 100 peer scientific publications and book chapters and lectured around the globe and published recently a major EC JRC study exploring how by using new innovative technologies based on human biology cell and tissue and mathematics-based methods better understand the Covid19 disease.

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Frank Dentener works since 30 years in the field climate change, agriculture and atmospheric pollution. Frank is senior expert and group leader at the European Commission's Joint Research Centre. He completed a Ph.D. in Physics with Nobel prize-laureate Paul Crutzen at Utrecht University. He is member of the scientific advisory board of the JPI FACCE, and co-chair of WMO's Scientific Advisory Group on near-real-time applications, member of the WMO Model Measurement Fusion initiative, and he has served on a variety of international commissions. He has (co-) authored more than 200 peer-reviewed publications and 4 IPCC reports, Hirsch factor 96, and is a Clarivate highly cited scientist since 2015. Frank held assistant professorships at Wageningen and Utrecht University, the Netherlands, PrivatDozent at the ETH in Switzerland, and currently affiliated with the Politechnical University of Torino. He supervised and examined ca. 10 Ph.D. and Habilitation candidates. Frank is an expert in atmospheric chemistry-land interactions, including ozone impacts on agricultural production systems, and climate change and mitigation and adaptation.

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Andrea Diaz is a researcher in the fields of transport and energy economics. With her double background in electrical engineering (National University of Colombia, 2003) and a PhD in economics (KU Leuven, 2015), she has worked at the intersection of both areas in different private and public institutions. In her current position at the JRC, she is entering into a new dimension studying energy systems through the lenses of complex system analysis.



Grégoire Dubois is a Belgian zoologist and a radiobiologist (Free University of Brussels) with a PhD in geostatistics (University of Lausanne). He has been working for more than 20 years for the European Commission's in house science service, the Joint Research Centre (JRC). The first half of his career was about monitoring radioactivity in the environment, before working on biodiversity conservation, with a focus on developing countries. He currently leads at JRC the portfolio of activities dealing with biodiversity and ecosystem services and more recently the new Knowledge Centre for Biodiversity (KCBD) of the European Commission launched in October 2019. He also regularly supports the European Union in its work with the Convention on Biological Diversity and IPBES. Gregoire is also a member of the IPBES task force on data and knowledge.

When not working, you will find him laying somewhere in the mud under heavy photographic equipment in search of various critters.

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🐦 @GregoireDubois



Policy leader and intrapreneur working at the intersection of Artificial Intelligence, law and public policy. Most recently, I led on the development of Ireland's National Strategy for AI and served as Head of Delegation to the Council of Europe Ad-Hoc Committee on AI. Other areas of expertise/interest include: international human rights and equalities; responsible and inclusive innovation; digital economy & society; 'connected' and creative cities; business & human rights; public health; SDGs; role of religion in society. I offer a global perspective with experience of shaping and influencing agendas within international organizations, Government, civil society and the private sector.


I am excited by the potential to effect positive change through participatory politics and the democratization of technology - let's use our collective intelligence to create a code that cares!

I am committed to connecting communities of interest and purpose in order to catalyse impact. I want to do meaningful things that matter for our common humanity. How can we create a human chain, expand the space for an ethical imagination and bring people together in circles of shared solidarity?

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🐦 @eimearfarrell



Guillermo García-Sánchez is a Scientist at the Spanish National Research Council (CSIC) at the Instituto de Ciencias Matemáticas (ICMAT) in the Applied Mathematics department, where he works for the Geophysical Fluid Dynamics Group. His work addresses the development of novel dynamical systems tools and computational techniques for providing new insights into geophysical flows and met/ocean modelling. Currently, He is working on the real-time application of these ideas to address critical environmental challenges like marine litter pollution and oil spills. He is also co-founder of the startup Digital Earth Solutions, which aims to keep clean the oceans through mathematical modelization.

 @GGSGuillermo
www.digital-earth-solutions.es/



Giacomo works on forests and climate change, in the interface between science and policy. He leads scientific analyses to understand how much CO2 is emitted or absorbed by forests, works with countries to prepare greenhouse gas inventories for the United Nations, and supports EU policymakers in designing forest strategies to fight climate change. He is an author of various reports of the Intergovernmental Panel on Climate Change (IPCC) and follows the negotiations under the Paris Agreement.

www.forest.jrc.ec.europa.eu/en/people/person/4/detail/
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I am a Spanish PhD Ecologist with focus on Farmland Biodiversity. My research career has developed on the interaction of human activity and biodiversity in agricultural landscapes. This relation is central, as the functioning of agro-ecosystems, their capacity to provide, depends very much on their ecological integrity. As crucial to communities, this interaction between food production and nature is very much shaped by policy. Thus, inevitably I have become increasingly involved in supporting policy-making. I have worked most of my time in Academia, teaching ecology and plant biology in university programmes of agricultural science. Yet, my path towards agricultural policy has led me to my current position as a project officer in the D5 unit of the JRC here in Ispra.



Lucía Iglesias, Forestry Engineer inspired and specialised in protected areas management by working in National Parks Network in Spain for 15 years, moved to Brussels in 2019, to work on the implementation of nature conservation policy (Habitats and Birds Directives). She is also involved in promoting the EU Natura 2000 network or protected areas and its achievements through the Natura 2000 Award scheme, or the use of the Natura 2000 logo in goods and services. However, the challenges related to the implementation of the nature conservation directives at national level are occupying most of the daily work. When she is not working, she likes illustration and photography, and she enjoys dancing, playing and listening to music.

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Julian Keimer is a researcher and knowledge manager at the European Commission Joint Research Centre. He co-authored the recent report „Values and identities - a policymaker's guide“ summarising how personal values and identities influence our political beliefs and perception. Within the same project Julian develops tools for policymakers to understand values better and take them into account when designing policy. His second major work strand is improving competence of policymakers to work with scientific and other evidence. Beyond his work, Julian likes to go running, bouldering, debating, and out for dinner. He is a philosopher, political scientist, and physicist by training, which allowed him to work in photovoltaics, comparative political science, counter-terrorism and citizen engagement before joining his current team.

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Policy Analyst – Foresight.

An economist by training and civil servant by vocation – Maciek is by nature curious. He joined the EU policy lab in 2016 attracted by the opportunity to work on innovative approaches to formulating public policies (being a co-author of a few regulations) and strategic foresight (being slightly short-sighted). Before that, since 2006, he was tirelessly reforming the Common Agricultural Policy. Even before, he was a part of the Polish Institute of International Affairs, supporting Poland's accession and first years in the European Union.

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Amanda Jane OZIN-HOFSAESS is a mobile Microbiologist and Molecular Geneticist. Following a long scientific career, she became a Senior Expert for the European Centre of Disease Control and Prevention (ECDC) where she used scientific, strategic and coordination skills to boost public health microbiology capacities in the EU to be ready for health threats whether bird flu, ebola or now with the COVID19 pandemic. Currently, she is a Research Programme Administrator at the European Research Executive Agency (REA) using a mix of scientific, creative, communication, interpersonal and project management skills to reach programmatic goals of the Marie Skłodowska-Curie Actions (MSCA). Amanda Jane promotes the use of Art-Science Competitions to attract the interest of young people to play with their sense of curiosity, creativity and the drive to innovate.

📷 @artlovescience
🌐 @Amanda Jane Ozin-Hofsaess
🐦 @amanda_ozin @REA_research @MSCActions



I am working at the European Commission since 2003 as IT Project Assistant, I have engineering studies as main background, and today I am mostly interested on the subjects of Health and inequalities like universal access to health-care systems. Today I am working with Machine Learning algorithms and their impact on Medicine, like the incoming automated medicine services, the future of the Microbiome research and the "AI doctors".

I will also host at the JRC Science summit 2022 an event called "Consciousness: The dawn of Machine awareness" so I am truly interested on what is going to happen when machines will be aware. AI is making very fast achievements on this field. I have also some expertise on Natural Language Processing (NLP) tools and automated speech recognition (ASR) systems. I have been working the last 8 years with a group of molecular biologists at the JRC analysing genomic data, in the last 2 years my research mainly focused on the SARS-CoV-2 genome new variants prediction.



Elahe is a designer at the EU Policy lab. She uses design tools and methods to help scientists and policy makers tackle complex systemic issues in a more creative and collaborative way. Before joining the EU commission, Elahe was the creative lead at the Open Innovation Centre of the University of Bologna. She designed international programs that brought together the academia and the industry. She led multidisciplinary and cross-generational teams and applied design to develop new ideas in various sectors such as pharma, food, automotive and entertainment. She was also a design educator and coach for student programs at the Design Factory Global Network and the Challenge Based Innovation at CERN IdeaSquare. She is passionate about speculative design but her interest is in Design in all its forms and functions. She believes in the visual, tangible, optimistic and proactive spirit of design to give a better form to the future.

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Nikolaos (Niko) Stilianakis is a mathematical epidemiologist at the European Commission's Joint Research Centre (JRC) and associate Professor of Epidemiology and Biomathematics at the University of Erlangen-Nuremberg. His research interests are infectious disease epidemiology, modelling immune system-pathogen interactions, and environmental health. With the artists Maria Rebecca Ballestra and Tomasz (Prasqual) Praszczalek he participated in the exhibitions of the Resonances III Festival (DATAMI) in 2019, a Science and Art programme of the JRC. In 2019 he was also invited speaker in the 4th Festival for the Earth in Monte Carlo curated by artist Maria Rebecca Ballestra under the auspices of the HRH Prince Albert II of Monaco.



I work in the New European Bauhaus team – in Brussels - as communication and event coordinator. Currently in charge of the NEB Festival (9-12 June). As night falls, I work on my artistic projects. My educational background is in international relations and fine arts.

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Mateusz Tokarski is a policy analyst at the Competence Centre on Participatory and Deliberative Democracy, working on citizen engagement projects addressing environmental issues. He has background in media studies, semiotics and philosophy. He did his PhD on ethical aspects of biodiversity conflicts, with a particular focus on meanings people attach to discomfoting encounters with wildlife.



I deal with deeper understanding the role of forests and forest management for climate change mitigation. The way we manage our forests is crucial for maintaining the carbon trapped in trees, roots, soil, deadwood, litter and wood products. The atmosphere sees these carbon losses and we feel better. Science produces evidence but is often not enough. People need to feel as part of the story and help maintain forests and the whole biosphere healthy, biodiverse and resilient. Arts can therefore mutually interact with science to directly permeate the people consciousness and help forests fight climate change.

<https://visitors-centre.jrc.ec.europa.eu/media/videos/forest-based-bioeconomy-climate-change-mitigation>
<https://forest.jrc.ec.europa.eu/en/people/person/18/detail/>



Emma is a PhD student affiliated with both the Joint Research Center (JRC), Bioeconomy & Land Resource Unit, and Radboud University, at the institute for Biological and Environmental Sciences (RIBES). She holds a MSc in chemistry and a BSc in Chemistry and Liberal Arts & Sciences. Her research focusses on a sustainable bio-economy and the environmental footprints of new bio-based materials for the chemical industry. She has been publishing poetry in different literary magazines and had been selected for the writing residency DeBuren for young writing talent of The Netherlands and Belgium last summer. Currently she is part of the Dutch Young Feminist Ambassadors network and co-founded the platform Groenhuiswerk (groenhuiswerk.nl). Before starting the PhD project, she was involved in movements addressing different societal issues, such as being a board member of FNV Vrouw (Dutch National Union for Women), core-member of Comité 21 Maart (anti-racism coalition) and Fossil Free Feminist (small grass root collective).

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Speakers & Experts



Kat Austen is a person. In her artistic practice, Kat Austen focuses on environmental issues. She melds disciplines and media, creating sculptural and new media installations, performances and participatory work. Austen's practice is underpinned by extensive research and theory, and driven by a motivation to explore how to move towards a more socially and environmentally just future. Working from her studio in Berlin, Austen is Artist in Residence at the Faculty of Maths and Physical Sciences, University College London and Senior Teaching Fellow at UCL Arts and Sciences. She has held numerous residencies and fellowships including S+T+ARTS Residency Repairing the Present (with Fara Peluso) at Ars Electronica 2022, EMAP / EMARE Artist in Residence at WRO Art Center 2020 and Artist Fellow at Institute for Advanced Sustainability Studies, Potsdam 2020. She is a Fellow of the Royal Society of Arts.

www.katausten.com/



Alan Belward works at the European Commission's Joint Research Centre in Italy where he is Acting Director and head of the Food Security Unit in the Directorate for Sustainable Resources. Alan has served on numerous international science panels including the Global Climate Observing System, the European Space Agency's Sentinel-2 Mission Advisory Group and the NASA and USGS' Landsat Science Team. He has a BSc in Plant Biology from Newcastle University, as well as MPhil and PhD degrees from Cranfield University's School of Agriculture Food and Environment and is a Fellow of the UK's Royal Society of Biology.

 @boelenjan
www.janboelen.be
www.luma.org



Jan Boelen (1967, Belgium) is a curator of design, architecture, and contemporary art. He is the artistic director of Atelier LUMA, an experimental laboratory for design in Arles, France. Boelen studied Product Design at the Media & Design Academy in Genk and is the founder and former artistic director of Z33 – House for contemporary art in Hasselt, Belgium. He was curator of the 4th Istanbul Design Biennial in Istanbul (2018) and initiated Manifesta 9 in Belgium (2012). Lastly, Boelen curated the Lithuanian Pavilion Planet of People in the Venice Architecture Biennial (2021). Over the years, he has fashioned projects and exhibitions that encourage visitors to look at everyday objects in a novel manner. Boelen recently edited *Social Matter, Social Design: For Good or Bad, all Design is Social* (Valiz, 2020), and *Muller Van Severen: Dialogue* (Walther Koenig, 2021). His writing addresses the implications of design in everyday life and how artistic practices shape the discipline.

 @boelenjan
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Céline Charveriat is a renowned research activist and experienced civil society leader. Céline started her career as a researcher at the Peterson Institute and the Inter-American Development Bank in Washington D.C., focusing on poverty, social protection, and natural disasters. Céline then worked for 10 years at Oxfam International, first as a researcher on poverty and international commodity markets, then as an advocate on trade and climate change issues. As campaigns director, she conducted Oxfam's campaigns on inequality, climate change, gender and humanitarian crises and conflict. She was the Executive Director of the Institute of European Environmental Policy (IEEP) from 2016 to 2022, during which time she created the first pan European network of sustainability think tanks Think Sustainable Europe (TSE) and the multistakeholder platform Think2030. During that time, she also served as the Chair of the Board of the Climate Action Network Europe. Céline is currently one of the Vice Chairs of the European Commission's high-level expert group ESIR (Economic and Social Impacts of Innovation and Research). She belongs to the council of the European Council on Foreign Relations (ECFR) and is on the board of Climate Catalyst. She also works as a coach and mentor for younger female civil society leaders and is one of the founding members of civil society collectives, such as End Ecocide Belgium and Mères au front Belgique.

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Stéphane Chaudron works on research projects dedicated to (Young) Digital Citizens' Security and Safety at the Joint Research Centre of the European Commission. Her background is in Social Geography and Science Pedagogy. She has been for years in charge of the coordination of large European Research Networks dedicated to among other, e-Safety, new media education, and Science Teaching Education (UCLouvain, Imperial College London, European Schoolnet). She has been in charge of the coordination of EC's research project 'Young Children (0-8) and Digital Technology' since 2014. She undertook ground-breaking research on security and safety of the Internet of Toys and explores the effect of the digital transformation on the concept of Identity, on the way users manage (or not) their personal data. In March 2020 she initiated and coordinates since, the international and mixed-method study 'Kids' Digital lives in COVID-19 Times'. She also contributed to the development of the Happy Onlife toolkit raising awareness on internet risks and opportunities and of Cyber Chronix, an edutainment on Digital rights.

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Dianna Cohen is Co-Founder and CEO of Plastic Pollution Coalition and a passionate advocate against plastic pollution. A Los Angeles based visual artist, Dianna has shown her work internationally at galleries, foundations, and museums. She uses plastic in her artwork to make a visual and social impact. With plastic bags as her primary material for the past 30 years, Cohen is interested in exploring its materiality through modifications and the material's relationship to culture, media, toxicity, and the world at large and shared this in her 2010 TED talk "Tough Truths About Plastic Pollution." Dianna is a frequent speaker and media expert and has spoken at the UN and international conferences and symposia, and has been interviewed by Al Jazeera, NBC Nightly News, The New York Times, The Washington Post, The Guardian, USA Today, Martha Stewart Living, and many others. She is the recipient of the Global Green Environment Award, the Snow Angel Award, and the Environmentalist of the Year by SIMA, among others. Dianna studied Biology, Art, and Film at the University of California, Los Angeles and holds a BA in Fine Arts.

@ @diannacohen

t https://twitter.com/implicitweet?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor



Teacher by training and heart in different countries and schooling systems for almost 20 years, turned into a policy officer for the last 10 years, currently working as an education expert at the Joint Research Centre of the European Commission in the Education for Climate Coalition team, to help bring sustainability into teaching and learning. His intervention will be about: Encouraging European Union education and training sector to support the transition towards a climate-neutral society.

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Paul Dujardin is a leading figure in Europe's civil society. He has been CEO of the Centre for Fine Arts Brussels (BOZAR) from January 2002 to January 2021. Under his leadership, the house for culture has turned into a respected and internationally recognized multidisciplinary European hub driven by the New European Bauhaus ideals. Since 2016 Paul was co-author and advisor for the EU for the development of public (cultural) diplomacy strategy. Attracting over 1,3 million visitors each year, BOZAR plays a crucial role as a meeting place in the heart of the European Union, while acting as a pivotal defender of the European project both in the EU as in its external policies. Over the last years, Paul has widened BOZAR's scope of expertise, activities and outreach through the establishment of a thorough intersectoral approach incorporating the arts, science and technology. Paul was founder and CEO of Ars Musica, General Manager of the Brussels Philharmonic Society, Co Administrator at the Belgian National Orchestra, President of the International Music Council (2013-2017), President of Europa Nostra Belgium (since 2018), and others. He holds a Degree in Art History and Archaeology (VUB, 1986) and Management (VLEKHO, 1987).

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Elle Márjá Eira is a Northern Sámi artist from Guovdageaidnu. She has written, directed and produced several short films, music videos and art installations. Work experience as an actress and composer at The Sámi National Theatre Beaivvaš. In collaboration with film composer Christoph Beck, she has made yoiks for The 12th Man (2017), Harald Zwart's film about the resistance hero Jan Baalsrud. Elle Márjá collaborates musically with John Paul Jones and Lucy Parnell in a band project called Snoweye. Eira has been selected for the talent program UP 2.0 (2020-2022) by Norwegian Film Institute, Talent Norge and Norsk Tipping (it is a development program for filmmakers who aspire to make feature films and series). She is now involved in several film and art projects. She is currently working on a 360 and VR film called "EALLU" which premieres at the Venice Biennale (Árran 360). She is working on the TV series POWER PLAY and on her first debut feature film. In addition, she has an exhibition at Kochi Beinnale 2022 in collaboration with Dáiddadállu.

www.ellemarja.com



Jens Hauser is a Paris and Copenhagen based media studies scholar and art curator focusing on the interactions between art and technology. He's currently a researcher at University of Copenhagen's Medical Museion, a senior postdoc researcher at the Medical University Vienna, a distinguished affiliated faculty member at Michigan State University, where he co-directs the BRIDGE artist in residency program, an affiliated faculty member at Danube University Krems, a guest lecturer at the University of Applied Arts Vienna and at the University of Innsbruck, a guest professor at the Department of Arts and Sciences of Art at Université Paris I Panthéon-Sorbonne, and a researcher affiliated with École Polytechnique Paris-Saclay. Hauser has been the chair of the European Society for Literature, Science and the Arts' 2018 conference in Copenhagen. At the intersection of media studies, art history and epistemology, he has developed an aesthetic and epistemological theory of biomediality as part of his PhD at Ruhr University Bochum, and also holds a degree in science and technology journalism from Université François Rabelais in Tours.

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Michael Hoch, studied at the University of Technology in Vienna. Already during his studies, he realized some art projects. For his PhD he came to CERN, where he was subsequently employed by as a physicist to construct one of the large detectors at the CERN-LHC project in the ALICE science collaboration. Afterwards he worked as "Senior Physicist" at CERN for the Austrian Academy of Science on the CMS experiment. He restarted to work artistically again and became become increasingly involved in global interdisciplinary science communication.

In the last 10 years Hoch has initiated, planned and/or led many international cross disciplinary SciArtEDU engagement projects. For the creation of these activities, he received the award for "Science Communication" from the EPH European Physical Society in 2017. The last years he has successfully implemented projects in Korea, USA, Canada, Japan, Oman, Colombia, in the Balkans, as well as in Austria and Switzerland.

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Sonja Stummerer and Martin Hablesreiter studied both architecture in Vienna, London, and Barcelona. After graduation they worked in Tokyo, before founding the transdisciplinary studio honey & bunny in Vienna. Their work is based on social and ecological sustainability. Honey & bunny consider themselves as inbetweeners. They do publications, installations, exhibitions, performances and design. They directed the movie "food design", curated the exhibitions "food design" at the MuseumsQuartier Wien, "food design humanity" at Lodz/ PL, and participated as designers and eat art artists in numerous international solo and group exhibitions, among others in London, Zürich, Vienna, Salzburg, Milano, Amsterdam, Gwangju, Hannover. They have performed about sustainability in Milano, London, Paris Salzburg and others. In 2009 they published the book "food design XL" (Springer Vienna/NY) and in 2013 "eat design" (Metro Verlag Vienna). Stummerer and Hablesreiter have given many international talks, were visiting professors in Bucharest (RO), Istanbul (TR), and Chennai (IN), and currently teach at the New Design University St. Pölten and the University of Salzburg.

www.honeyandbunny.com



Ariane Koek is an independent and international vision maker, who designs and delivers new cultural programmes and transdisciplinary residencies working across different knowledge systems including ecology. She is often cited as a world leader in arts and science, well-known for initiating in 2009 the Arts at CERN programme, going on to design, deliver and direct it for the first five years at the world's largest physics laboratory in Geneva, Switzerland. Today she works with many international cultural institutions, universities and science laboratories in the vision-making, design and delivery of new transdisciplinary programmes, including most recently for a leading global humanitarian organisation creating programme which combines humanitarian work with policy making, ecology, science, technology and art. She was on the jury this year for the BAD (Bio Arts and Design) awards in the Netherlands and the Panasonic special prize in the FAB awards, Japan. In 2021 she was invited to be a Creative Director of the official virtual Italian Pavilion at the Venice Architecture Biennale where she showcased the Earth Water Sky environmental science research and production and commissioning residency which she initiated and curates for the Science Gallery International network.

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Since childhood, I have tried to live up to the ideal of the "renaissance man": competent in many fields, endlessly curious. My search for knowledge about origins and destinies led me first to study Physics, then Philosophy and Theology, and now History. Along with humanistic interests, I have always been interested in technology. I am excited to dedicate my wide-ranging skills and experiences to exploring intelligence and improving research and education.

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For years, UT Dallas has sought to fuse its long-held strengths in technology with the creativity of the arts and humanities. That philosophical blend is embodied by a new professor who is a champion for interdisciplinary academics. Dr. Roger F. Malina is a physicist, astronomer and executive editor of Leonardo publications at MIT Press. He serves in two of the University's schools, as a distinguished professor of arts and technology in the School of Arts and Humanities, and as a professor of physics in the School of Natural Sciences and Mathematics. Malina is a former director of the Observatoire Astronomique de Marseille Provence (OAMP) in Marseille, and a member of its observational cosmology group, which performs investigations on the nature of dark matter and dark energy. He is also a member of the Mediterranean Institute for Advanced Study. Malina was also a member of the jury for the Buckminster Fuller Challenge 2011, which awards a prize to those who create strategies with potential to "solve humanity's most pressing problems."

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Jojo Mehta co-founded Stop Ecocide International in 2017, alongside legal pioneer the late Polly Higgins, to activate and develop global cross-sector support for an international crime of ecocide. As the organisation's Executive Director and key spokesperson, Jojo has overseen the remarkable growth of the global movement while coordinating legal developments, diplomatic traction and public narrative. She is also Chair of the charitable Stop Ecocide Foundation and convenor of the Independent Expert Panel for the Legal Definition of Ecocide.

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Gunalan Nadarajan, an art theorist and curator working at the intersections of art, science and technology, is Dean and Professor at Stamps School of Art and Design at the University of Michigan. His publications include multiple books and over 100 book chapters, catalogue essays, academic articles and reviews; many of his writings have been translated into 16 languages. He has curated many international exhibitions including in Mexico, Indonesia, US, Korea, Germany, Japan and China. He co-founded a National Science Foundation funded Network for Science Engineering, Art and Design to develop and support a network for collaborative research, education and creative practice between sciences, engineering, arts and design. More recently, he served on the National Academies of Sciences, Engineering and Medicine (USA) committee that co-authored the report, Branches from the Same Tree: The Integration of the Humanities and Arts in Sciences, Engineering and Medicine in Higher Education (2018).

www.stamps.umich.edu/people/gunalan-nadarajan



Roberto Paci Dalò, author, artist, researcher and inventor. He is a pioneer in the use of digital technologies and telecommunication systems in art with transdisciplinary projects created in music, theatre, cinema, visual and sound art. Roberto teaches Interaction Design at Unirsm Design where is founding director of Usmaradio - Centre for Radiophonic Studies. Since 2018 he has collaborated with JRC SciArt where he developed, together with engineer/philosopher Nicole Dewandre, the multi-platform project HA Hannah Arendt. His latest book is Ombre (Quodlibet, 2019). robertopacidalo.com / usmaradio.org

www.robertopacidalo.com
www.usmaradio.org



Ângela Guimarães Pereira, MSc. Ph.D has been at the European Commission's Joint Research Centre since 1992. She leads the Competence Centre on Participatory and Deliberative Democracy, contributing to mainstream citizen participation practices across the EU policy cycle and science. She has been involved in many European projects focusing on environmental and technology governance, future-oriented activities and public engagement institutionalisation. Post-normal science inspires her work on governance of and dialogues about science and technology. She has authored many peer-reviewed publications, contributing to books such as "The rightful place of science: science on the verge" ASU, 2016. Her interests lie in intersections of science with other ways of knowing, such as the arts and what is called 'traditional knowledge'. Her favourite story is Hans Christian Andersen's "The emperor's new clothes".

www.researchgate.net/profile/Angela-Guimaraes-Pereira



Peter Purg currently leads the New Media module in the Digital//Media Arts and Practices graduate//postgraduate programme at the School of Arts, University of Nova Gorica, where he acts as Associate Professor, projects coordinator as well as expert across realms of digital culture and media. Since december 2021 he is Acting Dean of the School of Humanities. Next to his research and artistic interestes mentioned above, he is active in the field of cultural and higher education policymaking, assessment and quality assurance. He was centrally involved in Go!2025, the winning of the European Capital of Culture title by Nova Gorica and Gorizia twin towns on the Slovenian-Italian border. With an artist background, Peter Purg is co-funder of the cross-regional Xcenter hub of creative practices, joining art, entrepreneurship and community. He leads the Art-Science-Technology module at the School of Arts and he lead the MASTmodule.eu project that developed it. Having curated the 20th international contemporary art festival Pixelpoint 2019, his scientific inquiries lately include media arts pedagogy, post-growth and media ecology.

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Ingeborg Reichle, PhD, is an art historian and cultural theorist and currently holds the position of a Senior Fellow at the Institute for Advanced Sustainability Studies (IASS) in Potsdam, Germany, working on the intersection of art, science, and sustainability. In recent years she served as Professor in the Department of Media Theory at the University of Applied Arts in Vienna, Austria, there she also served as founding chair of the Department of Cross-disciplinary Strategies (CDS). Before joining the faculty of the Department of Media Theory as full professor in 2016, she was FONTE professor at Humboldt University Berlin, Germany. In 2004 she gained her PhD from the Humboldt University Berlin with a dissertation about Art in the Age of Technoscience (Springer, Vienna, 2009). She is advising a number of art institutions like the Swiss Arts Council Pro Helvetia and serves as a member of the Board of Trustees of the ZKM | Center for Art and Media Karlsruhe, Germany.

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Manuel Rivera studied sociology, philosophy and Latin American Studies at the Freie Universität Berlin and at the National University of Buenos Aires. After receiving his diploma (master degree) with a thesis on environmental awareness, he served as a project officer for the German Council for Sustainable Development (RNE), Berlin, and, temporarily, for the European Network of Environmental Advisory Councils (EEAC), Brussels, until 2007. The following years he worked as an actor at several German municipal theatres, before returning to sustainability issues by joining IASS in March 2011. In 2015, he obtained his PhD in Social Sciences from the University of Stuttgart, with a study about "Theatre as a Political Public Sphere." At the IASS, he has been working on issues as different as urban studies, Latin American alternatives to development, the German energy transition, or the idea of Nature in the Anthropocene. He co-lead the Economics & Culture program from May 2015 to December 2016, inter alia conducting a study about attitudes toward economic growth in the German Bundestag. From 2017 to 2021, he lead the project "Narratives and Images of Sustainability," with the focus on a critical analysis of current academic and political sustainability discourses. Since 2021, with the establishment of the project "Art-Science Cooperations for Sustainability," his interest lies in artistic formats of communication and collaboration.

www.iass-potsdam.de/en/people/manuel-rivera



Claudia Schnugg holds a PhD in social and economic sciences with an additional specialization in cultural sciences and media arts. Her practice is twofold: as scholar she is researching artsience collaborations, investigating effects and impact of such art-science exchange on actors, organizations involved and the relevance of the outcome. Thereby, she is also exploring new ways of employing artistic strategic strategies in scientific research. Claudia is principal investigator of the DIGI-Sense project at Johannes Kepler University Linz and realizes research on artsience processes for the Roots & Seeds XXI project. As curator, she supports artsience processes, projects, and programs, but also develops exhibitions at the intersection of art and science. Currently, she is curating artist-in-residence programs and artsience projects at European Space Agency/ESTEC, Institute of Stem Cells and Epigenetics at Helmholtz Center Munich, Science Gallery Berlin, and the Swiss Arts Council Pro Helvetia. Her most recent book is *Creating Art Science Collaborations* (2019), published by Palgrave Macmillan.

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Jutta Thielen-del Pozo joined the Joint Research Centre of the European Commission in the year 2000 and is Head of the “Scientific Development” Unit since 2016. Jutta holds a Master's Degree in Meteorology from the University of Karlsruhe and a PhD in Environmental Physics from the University of Lancaster. After having developed her scientific career related to high impact weather and flood forecasting in particular, she is now heading a unit that aims at developing programmes that close gaps for the organisation and incubate innovative ideas for the organisation including the JRCs Science and Art programme.



Jol Thoms (he/him) is an artist, sound designer, and researcher based in London, UK where he is a lecturer on the MA Art & Ecology at Goldsmiths University and a faculty member of Critical Ecologies. His works cross and reconfigure boundaries between the non/human, the ineffable, cosmological, and the scientific using strategies from quantum field theory, environmental humanities, and feminist anti-colonial science studies. He is the founder of the Radio Amnion sound art project commissioning and transmitting artists' compositions of care deep in/to and for the Pacific Ocean on each full moon. Thoms' critical transdisciplinary practice advocates for an expanded understanding and ethical engagement with diverse knowledge practices by attending to radical pluralities of sites, phenomena, and experiences beyond the measurable and quantifiable. He has participated in international film festivals and exhibitions, and publishes in peer-reviewed journals across that humanities and sciences.

www.radioamnion.net
www.jolthoms.com



Prof. Arco Timmermans is Professor of Public Affairs at Leiden University, the Netherlands. He obtained his PhD in the social and political sciences at the European University Institute in Florence. His educational work is about public affairs and public policy. His research is on the development and professionalization of public affairs, the politics of attention in interest representation and advocacy, advisory roles of academics in the policy process, and the repertoire of responses to lobbying by public institutions. The educational work and research he does are oriented on promoting the dialogue between research and practice. For this he engages frequently with practitioners and the wider audience in master classes, training and inspiration sessions, and comments in the media.

www.universiteitleiden.nl/en/staffmembers/arco-timmermans#tab-1



Since December 2020, Xavier Troussard is leading the New European Bauhaus Unit created at the Joint Research Centre. The New European Bauhaus is a co-creation initiative intended to be a bridge between science and technologies on one side, and arts, culture and design on the other to meet the expectations of citizens for new forms of living together. It is planned to be both a think tank and a do tank to revisit our living places and associated life styles around three dimensions – sustainability (including circularity), qualitative experience (including aesthetics) and inclusiveness (including affordability). Before, Xavier worked at the DG for Information, Communication, Culture and Audiovisual where he contributed to the establishment and development of the EU audiovisual policy before representing the European Commission and leading the EU coordination in the negotiation of the 2005 UNESCO Convention on the protection and promotion of the diversity of cultural expressions.

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María Antonia González Valerio is a philosopher that works at the National Autonomous University of Mexico (UNAM). She is also a curator and an experimental art practitioner. She works within the research line of ontology-aesthetics and the interdisciplinary line of arts, sciences, and humanities, specifically in the field of art that uses bio-media. She has written books and papers on philosophy and ontology and about philosophy, art, and science. Head of the research group Arte+Ciencia (Art+Science), which gathers artists, scholars, and scientists in an interdisciplinary work that produces education at an under and post-graduate level, specialized theoretical research, artistic creation, and exhibitions.

www.magonzalezvalerio.com/



Richard Van der Laken is a creative director based in Amsterdam. He met Pepijn Zurburg while studying at the Utrecht School of Art and Sandburg institute, and together they formed De Designpolitie - a renowned visual design agency, graphic design collective Gorilla, and What Design Can Do (WDCD). Since forming, they've worked with many partners from Rabobank to Artis Zoo, won numerous awards, and feature in the permanent collection of galleries such as the Design Museum London and MoMa New York. At WDCD, they've created multiple design challenges, publications, and events hosted across Amsterdam, Brazil and Mexico. If Richard's not in the office, he's probably halfway across the world (virtually these days), preaching the What Design Can Do story at conferences like TED, The Next Web or Design Indaba.

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🌐 <https://www.linkedin.com/in/richard-van-der-laken-914782/recent-activity/posts/>
www.whatdesigncando.com/



During 30 years of civil service with the European Commission I have developed a sound knowledge of fisheries management in a global context and in the North Atlantic region in particular. Head of the EU Delegation for the fisheries consultations with Norway within the framework of the bilateral Fisheries Agreement between the EU and Norway. President of the North East Atlantic Fisheries Commission (NEAFC) from 2017 to 2020. In the early stage of my career I have been instrumental in the establishment of the European satellite based Vessel Monitoring System (VMS). Prior to joining the European Commission, I have worked 10 years with the National Bank of Belgium where I got acquainted with the standardisation of International Trade Procedures.

www.jacques.verborgh.org/



Saskia Vermeylen is a reader in law and property scholar at the University of Strathclyde in Glasgow, Scotland. Her work on Indigenous Peoples' cultural property is informed by legal anthropology and she has done multi-site ethnography across 6 different San language groups in Southern Africa. Her empirical work has also informed her research interest in property and ethics through a phenomenological reading of the work of Levinas and Derrida which she has brought into conversation with postcolonial literary studies. The latter has also inspired her interest in the extension of 'colonial' property frontiers into outer space and the deep seabed. This research is embedded in Afro-futurism, ecocriticism, and science fiction. More recently, her legal practice also includes visual and performative art as a methodological legal enquiry, including curating. Finally, her work also engages with the material aspect of property, which she examines through feminist posthumanism, eco-philosophy, and speculative philosophy.

in <https://www.linkedin.com/in/saskia-vermeylen-a7a065165/>



Associate Professor Christopher Watkin is a philosopher at Monash University in Melbourne, Australia. His books include *Difficult Atheism* (2011) *French Philosophy Today* (2016), *Michel Serres: Figures of Thought* (2020) and *Biblical Critical Theory* (2022). He is currently an Australian Research Council Future Fellow (2021-2025), working on the project "Rewriting the social contract: Technology, Ecology, Extremism."

🐦 @DrChrisWatkin
www.christopherwatkin.com

film screenings



As an artist, MARIA REBECCA BALLESTRA, lived and worked in nomadic condition. Her work focused on the reprocessing of social, political and environmental themes, with a preference for site-specific projects, investigated during journeys and several artist residencies program all around the world. Balestra's art works have been showcased in international venues, group and personal exhibitions, museums, galleries and art fairs. She took part in the third edition of Resonances (2018-2019).



Elle Márjá Eira is a Northern Sámi artist from Guovdageaidnu. She has written, directed and produced several short films, music videos and art installations. Work experience as an actress and composer at The Sámi National Theatre Beaivvaš. In collaboration with film composer Christoph Beck, she has made yoiks for The 12th Man (2017), Harald Zwart's film about the resistance hero Jan Baalsrud. Elle Márjá collaborates musically with John Paul Jones and Lucy Parnell in a band project called Snoweye. Eira has been selected for the talent program UP 2.0 (2020-2022) by Norwegian Film Institute, Talent Norge and Norsk Tipping (it is a development program for filmmakers who aspire to make feature films and series). She is now involved in several film and art projects. She is currently working on a 360 and VR film called "EALLU" which premieres at the Venice Biennale (Árran 360). She is working on the TV series POWER PLAY and on her first debut feature film. In addition, she has an exhibition at Kochi Beinnale 2022 in collaboration with Dáiddadállu.

www.ellemarja.com



David Monacchi (Italy - 1970) is an interdisciplinary artist, composer and eco-acoustics researcher. He has been developing the project Fragments of Extinction since 1998, conducting field research in the world's remaining areas of undisturbed primary equatorial forest in Amazon, Africa and Borneo. The recipient of multiple international awards for his work on intangible heritage of ecosystems, Monacchi is pioneering a crossdisciplinary approach based on unique 3D soundscape recordings, to raise awareness on the biodiversity crisis through science-based sound art. His Eco-acoustic Theatre's patented invention and mobile SONOSFERA® (a 45-loudspeakers spherical amphitheatre dedicated to sensorial and cognitive deep-listening experiences) has been built in Pesaro UNESCO Creative City of Music, and is now traveling. Monacchi has been portrayed by journals as Nature and PNAS, and is professor at the State Conservatory of Pesaro. Collaborations with IUCN and ICCROM, to promote advocacy in primary forest soundscape conservation, culminated in an invited talk for the plenary session of the UN COP-14 Biodiversity Conference.

Short video on Sonosfera®

<http://www.fragmentsofextinction.org/fragments-of-extinction/>



Francesco Mugnai, born 1978 in Florence, Italy, is a Geomatician and a Geologist. He holds a Master's degree in Geology (University of Florence, Italy) and a PhD in Earth Sciences. He is professor of Remote Sensing, Topography and Cartography, at University of Florence, Faculties of Engineering, Humanities and Education. During his educational and professional paths, he has always been attentive to integrate his knowledge with different disciplines and his research production, originally focused on geoscience, has easily branched out to engineering geology, automation, geomatics and robotics, as well as to awareness enhancement, communication, and art, producing peer-reviewed scientific papers, international patents, and various media publications. At the JRC he participated in several art and science projects, as scientist and scientific coordinator. In 2022 he had performed the most accurate ever Michelangelo's David statue 3D survey in the Galleria dell'Accademia. The way to save the world is doing less of everything.

www.



University of Nova Gorica, School of Arts & School of Humanities

Taming the Forest – A response to the NaturArchy Curatorial Statement

In the global world of transition and the crisis of capitalism, contemporary art is understood as a critical practice: through art we question the didactic assumptions of the hegemony of politics and ideologies, and the ways they are performing the norm in society.

The perception of wild and pristine nature keeps dominating the human scale. The forest still provides us with biodiversity, even if we cannot really get lost in it anymore, and both deities and species seem to be dying out faster than ever.

Forests have always given us food, comfort, shelter and fresh air. For millenia, the only tangible and monetizable form of forest has been timber. It is only now, in a state of emergency, that we started valuing the forest otherwise than through numbers and profits.



Robertina Šebjanič is an artist whose work explores the biological, chemical, political and cultural realities of aquatic environments and the impact of humanity on other organisms. Her projects call for the development of empathetic strategies aimed at recognising the rights of other (non-human) species. In her analysis of the Anthropocene and its theoretical framework, the artist uses the terms “aquatocene” and “aquaforming” to refer to the human impact on aquatic environments. Her works received awards and nominations at Prix Ars Electronica, Starts Prize, Falling Walls. She exhibited / performed at solo and group exhibitions as well as in galleries and festivals: Ars Electronica (Linz), Laboratorio Arte Alameda (Mexico City), Matadero (Madrid), La Gaîté Lyrique (Paris), Le Cube (Paris), MONOM, CTM (Berlin), Art Laboratory (Berlin), ZKM (Karlsruhe), re:publica (Berlin), Mladi Levi (Ljubljana), Centro de Cultura Digita (Mexico City), Device art and Touch me festival_Kontejner (Zagreb), Muzej sodobne umetnosti Beograd -MoCAB, Eastern Bloc (Montreal), Eyebeam (New York), Palais des Beaux-Arts BOZAR (Brussels) and more...

 @robertina.sebjanic
 @roiioiro



Jill's large installations and sculptures, supported by photography, video, drawing, and text, explore questions such as: What influences do our culturally agreed procedural systems have on the way we construct or deconstruct our world? More concisely, the work points towards the gap between human processes (systems of research, innovation, and culture), and the tangible impact of those systems on everything around us, including the difficult space between human processes and nature's ecology. Previously Jill developed work for the 'Resonance III Festival' 2019, working with the theme Big Data, she collaborated with the JRC researcher in computer systems and security Carlo Ferigato, on a project called FOREVER-DO, an interactive game which resulted in "data towers". Sculptures made from boxes, used as binary code in the modular build-up of the Forever-Do Sculpture. This publicly authored work crossed the boundaries of analog and digital landscapes. Jill is currently artist in residence at the new 'Centre for Biomimetic and Societal Futures' at the University of Huddersfield.

www.jilltownsley.com



JRC SciArt Team & volunteers



As a French native educated in the UK, Airelle's motivation is to participate in the dissemination of French culture to give visibility to French minoritarian voices. She is an AHRC-funded PhD candidate in French and Queer studies. Her thesis analyses the proliferation of references to vulnerability in contemporary queer French texts. Creating a philosophical dialogue between French philosophers and Anglo-Saxon queer theorists, it breaks from the established cultural discourse associating queer suffering with passivity and victimhood. Previously an intern at the French Institute (UK), she coordinated festivals and talks to create prolific French-British dialogues, challenging cultural concepts essential to French culture (e.g. universalism). Her JRC traineeship focuses on knowledge dissemination through science of communication. Secretly loving being overworked, she is also a reader for the London Literary Scouting Agency. In other terms, she participates in overly long email exchanges at inappropriate hours to debate why overlooked authors really deserve to have their work translated into English



I am a trainee at the JRC, unit H2, where we work with knowledge dissemination and public engagement. I am interested in communication strategies and social media. I have a BSc in European Languages and Cultures and obtained my Master's degree in International Relations. I have a special interest in the history and political dynamics of post-soviet countries, and have been a trainee at the Italian Consulate in Saint Petersburg and at CASE – Centre for Social and Economic Research a Warsaw-based research centre. I often collaborate in cultural events, and strongly believe in the strength of the intersection of subjects such as science, art and policy, hence my strong interest in the JRC SciArt project.



Caterina Benincasa has a mixed background in Physics, Philosophy, History of Science, Aesthetics, Contemporary Art and World Heritage Studies. She cultivates a deep interest in creativity and creative practices, the history of science and art, the border between aesthetics & epistemology, and the interplay between critical inquiry, artistic research and societal engagement. Her competences and interests lie at the crossroads of science-art-heritage, driven by the need to communicate the beauty of research and curiosity. Her activity focuses on transdisciplinary, art-science collaborations as well as contemporary arts & heritage. She is co-founder of: KLAS (Knowledge Link Through Art & Science), an artist-in-residence programme of the Max Planck Society and the University of Groningen; Innovate Heritage, an ongoing programme endorsed by UNESCO to foster dialogue and knowledge exchange between the contemporary arts and heritage; Polyhedra.eu, an international organisation for cross-disciplinary research and activities in art-science-heritage. She is a Member of the Advisory network of the Schering Stiftung, as an Art-Science Expert.



A creative at heart, Virginia is keen to develop and support written, graphic and audio-visual projects. Always uncertain as to what her "field" might be, Virginia finds herself at home in transdisciplinary interactions at an academic and personal level. During her Undergraduate degree in Classics at the University of Cambridge (UK), she focused on the convergence of art, history, philosophy and literature. Her Masters' in Identities and Cultures of Europe from Trinity College Dublin (Ireland) allowed her to use different disciplines to uncover the origins of social structures and beliefs. Most recently, starting as a Trainee and continuing as a consultant on the Science and Art project of the Joint Research Centre of the European Commission drew her attention to the potential of art & science collaborations. Combining this experience with her studies led to a strong interest in how meaningful transdisciplinary encounters – by creating and fostering dialogues, empathy, and engagement – can restore the traumatic gaps created in identity and society by discrimination, turmoil and structural issues.



Vidas Daudaravičius is an IT Project Officer - Researcher on information and knowledge extraction - at Joint Research Centre of the European Commission. He is part of the Data for Policy team which facilitates the development of improved data management practices inside the JRC and coordinates JRC's contribution to the implementation of the DataStrategy@EC action plan. He carries out research in the area of knowledge extraction and engineering, machine learning, deep learning and other natural language processing methods in order to apply these techniques for advancing the search capabilities of documents and data, e.g., in the context of data catalogues.



Adriaan Eeckels (1960) is a historian, humanist and semiotician. Since his university years, he has been testing boundaries, also between art and science. As a thesis proposal, he investigated the epistemological properties of the narrative in historical research, by applying semiotics in historical research with a focus on the history of mentalities in Quattrocento Florence. He describes himself as an intellectual vagabond looking for the pattern that connects, and as pontifex minimus traveling along borders and interstices of various disciplines, with a great interest in knowledge acquisition and the history of sciences. Most of his career has taken place in the European Institutions: from the Schengen Secretariat, through the European Court of Justice to the European Commission, in Luxembourg, Brussels and Ispra, Italy. He has carried out important projects in Document and Quality Management. Since 2016 he is leading the SciArt project of the Joint Research Center (JRC) of the European Commission.



Naouma Kourti was born in 1966 in Athens Greece. She joined the European Commission in 1996 working as a researcher in nuclear safety. Later she became a group leader and pioneer in using remote sensing for the detection and identification of fishing vessels fishing illegally. She then moved in aspects of security focusing in the protection of EU's critical infrastructures. In 2014/15 was associate affiliate professor of the Georg Mason University (VA) in the subject of security research. From 2016 to 2021 she is the deputy head of the "technology innovation for security" unit. She recently joined the JRC Art and Science project.



Stephan Lindner studied Graphic Design and Photography at the Vienna University of Applied Arts from which he graduated in 1986 with a Master of Art degree.

In 1985 he founded his own graphic design office "Grafikatelier Lindner". Stephan works regularly for national and international private and public companies as well as for museums and institutions like European Commission. With his artistic approach, his profound knowledge in all areas of graphic and exhibition design as well as with his specialisation in photography Stephan has established close and long-lasting work relations with his clients.

The basic knowledge gained at his architectural studies (two years at Technical University of Vienna) helped him to not only concentrate on classical graphic design works like Corporate Identity and web-site design but specialising in complex exhibition/Fair design (Austrian National Library, Esterházy Foundation, City of Vienna, Austria Tourism, Joint Research Centre, Austrian Economic Chamber (exhibition design for fairs in Tokyo, Shanghai, Milan, Hannover, Athens, Nairobi, Paris, Berlin)).

Stephan also supports architects in answering competition calls by designing their project's presentation material and by structuring and designing the actual exhibition of the architectural projects. One of the most prestigious ones was the entire exhibition design for the Austrian Pavilion at EXPO 1998 in Lisbon.

www.grafikatelier.at



Kotryna Markeviciute is a cultural sociologist and contemporary art curator/educator from Vilnius, Lithuania. For the past 4 months Kotryna has been working as a research trainee at the Competence Centre on Participatory and Deliberative Democracy where she is contributing to several citizen engagement projects.



Having studied in a Liberal Arts and Sciences university, Salomé has played around with various fields, enjoying building bridges between different areas of studies. She is currently most interested in the nexus between technology and international security, in particular how ordinary citizens utilize technology to counteract power. Her thesis conceptualizes a new regime characterized by the management of visibility through algorithmic systems in social media platforms. The creation and visualization of social media network maps sheds light on the implicit rules of arrangement within platforms and their socio-political implications. Moreover, she is passionate about conducting research on how ordinary users are persistently re-imagining strategies to resist algorithms. In the past, she worked as an Assistant Analyst for the Cyber Program at the Hague Centre for Strategic Studies working on cyber conflict. Currently, she's a trainee at the Joint Research Centre E.2 Unit working on building European resilience against Hybrid Threats.



Francesca Rotta BSc in Cultural Mediation and Master's in International Relations and European Project Management. During my Bachelor's degree, I spent a year in Ottawa, Canada, as an Erasmus student and worked as an Italian teaching assistant. Over the past few years, I have collected several enriching experiences, such as being responsible for territorial marketing at the Agence d'Attractivité de l'Alsace in Colmar, and implementing different cooperation projects for the Resource and Development department at ALDA (Association of Local Democracy Agencies). In 2019, I collaborated as an intern at the Council of Europe Programme Office in Venice and at the Biennale of Art, where I was in charge of the exhibition spaces and the organization for meetings and cultural events. I am currently working as a trainee at the JRC where I am contributing to the follow up and general monitoring and analysis of the Collaborative Doctoral Partnership (CDP) Programme.



Ioannis Vakalis is an Electrical Engineer with a PhD in Robotics and Automation. In 1998, he started working at JRC as a postdoctoral grandholder in the area of robotics and automation systems. Before that, he was employed in various economy sectors in Greece, academic, private and public. In 2000 he was hired as a Scientific Officer at the JRC and since then he has worked on numerous projects. The project themes included robotics, wave energy, virtual reality, demining, electronic identity, privacy, electronic documents, border control, biometrics, smart meters and cybersecurity. He has authored and co-authored a number of scientific publications and technical reports. In 2020 he joined the SciArt group at JRC A5 Unit at the post of scientific coordinator.

