

Contents

Gerfried Stocker, Who Owns the Truth? Wem gehört die Wahrheit?	18
Ars Electronica Festival 2023 — Highlights	20

CONFERENCES, LECTURES, WORKSHOPS

Conferences	28
Symposium Perspectives on Political Education Glue. Irresolvable conflicts or social cohesion	28
FOUNDING LAB Day: A new university starts	29
Prix Forum	29
Ars Electronica Theme Symposium	30
The Next Renaissance: A S+T+ARTS Day Conference	30
(Un)Earthing the Truth: Ownership and Narratives about the Planet — A More-than-Planet Conference	31
End of Truth? A EUDigitalDeal Conference	31
Workshops	32

FOUNDING LAB

Katja Schechtner, IDSA x Ars Electronica / Founding Lab	36
FOUNDING LAB 2023: Student Global Distribution Map	37
FOUNDING LAB: The Formats	38
TRANSFORMATION LOUNGE	40
Ars Electronica (AT) x Hakuhold Inc (JP), Future Compass	41
Yurima Nakazato (JP), Biosmocking	42
Yurima Nakazato (JP), DFT Textile	42
FASHION FRONTIER PROGRAM (JP), FASHION FRONTIER PROGRAM	43
City Intelligence Lab, Creating a smarter and more sustainable city	43
SIMULATE — Interactive pedestrian flow simulation	44
Thinking in Circles — Ars Electronica Festival's Sustainability Strategy	44

EXHIBITIONS

PRIX Ars Electronica Exhibition	48
S+T+ARTS Prize Exhibition	52
European Union Prize for Citizen Science Exhibition	54
State of the ART(ist)	56
Mahsa Aleph, Jowhar	58
Taiye Ojo, AND IF WE OBSERVE THE PRESENT	59
Kira Xonorika, Cosmic Land	60
Ma Ei, Where is a place for me to sleep in peace?	60
Kholod Hawash, Long Nights	61
Mac Andre Arboleda, Rollyna Domingo, Pictures of Nothing	61
Umit Guç, Footprints of Ants	62
Alevtina Kakhidze, Invasions 1.2.3	63
Indigene Corefio Huuke Harris, /Xam Sam Fortuin, Xopher Wallace, Diana Ferrus, Sthando Masuku, Elder Nkosenathi Koela, !Habesi	63
Alisa Verbina, Queer Crucession	64
Art Group Yav — Anastasya Vladychkina, Alexander Voronin, AR Hunter The Seven Deadly Sins of Russia	65
Theme Exhibition — (Co)Owning More-than-Truth	66
Agnes Meyer-Brandis, Microfluidic Oracle Chip & Autopoesis Answering Machine (MOC&AAM)	68
Gregor Krpič, Simon Gmajner, Jan Babič, Marko Jamšek, Gal Sajko (Jožef Stefan Institute), StellaVerde	69
Adriana Knouf, TX-2: MOONSHADOW	70
Alizée Armet, Ghostly Plants of Damaged Worlds	70
Cecilia Vilca, La Verdad (The Truth)	71
Cristo Rizzo, Sistema Cinco: Non-Human Determinations	71
Charlotte Jarvis, Patricia Saragueta, ORGAN OF RADICAL CARE: UNA MATRIZ COLABORATIVA	72
Daniel Haas, dBlech	72
Dorota Gawęda, Egle Kulbokaite, BROOD	73
Vladan Joler, Felix Stalder, Gordan Savičić, Infrastructure of a Migratory Bird	73
David Shongo, CEUX SANS QUI LA TERRE NE SERAIT PAS LA TERRE	74
Klaus Spiess, Emanuel Gollob, Paul Grundorfer, in cooperation with Jens Hauser, CHRONOLALIA	74

Felipe Castelblanco, Lydia Zimmermann, Cartographies of the Unseen	75
Iodine Dynamics — Arnaud Guillon, Chun Lee, Dustin Long, Aymeric Mansoux and Marloes de Valk, What Remains	75
Karen Palmer, Consensus Gentium	76
Pamela Neuwirth, Harald Purrer, Simone Boria, MEMESIS — Oracle Of The Anthropocene	76
Marco Barotti, APES	77
Michel Winterberg, Melting — the show must go on!	77
ПРОТО-АЛИЕН ПРОЕКТ, FORMATA	78
RYBN ORG, The Great Offshore	78
Jonas Staal, Jan Fermon, Collectivize Facebook	79
Juliane Jaschnow, Stefanie Schroeder, HC SVNT DRACONES	79
Špela Petrič, Studio Teratope, AIxxNOSOGRAPHIES	80
Waag Futurelab, Northern Photographic Centre, ART2M/Makery, Leonardo/Olats, Zavod Projekt Atol, Ars Electronica, More-than-Planet Lab	80
Anne Duk Hee Jordan, Pauline Doutreluingne, Brakfesten / La Grande Bouffe	81
Barnaby Francis, Robert ‘3D’ Del Naja, Dale Vince, Eco-Bot.Net	81
Roos Groothuizen, I want to delete it all, but not now	82
Juliane Jaschnow, Stefanie Schroeder, The Effect of Cannonry on Thunderclouds	82
Spektr Z (Sensor Polygon for Electromagnetism, Communication, Technology, Research & Sensing), Oculos Super Ignis Vigilantes Volavimus	83
Sebastian Schmieg, Prompt Battle Training Station	83
Werner Jauk, Laura Sophie Meyer, Every BODY knows/owns the TRUTH	84
Sasha Litvintseva, Beny Wagner, Total Conversion	84
Dorotea Dolinšek, Biosymbiotic Exoskeleton	85
Noor Stenfert Kroese, Amir Bastan, ZOE	85
Andy Gracie, Massive Binaries	86
ARS ELECTRONICA GARDENS	88
ANCONA / BOLOGNA Sineglossa, Valerie Tameu, Michele Cremaschi, Metabolo / Isotta	89
AOTEAROA Human-Computer Interaction Lab, University of Otago, Communicating through Space, Time and Culture	90
ARAD kinema ikon, kimæra	91
BANGALORE BeFantastic, FutureFantastic	92
BARCELONA ESPRONCEDA — Institute of Art and Culture, Daniel González Franco, Cathline Smoos, Love Vibes	94

BLACKSBURG Virginia Tech, Thomas Tucker, Tohm Judson, Swirling Senses	95
CHICAGO Chicago Gamespace, Thorne Brandt, Reality.beta	96
DUBAI CIFRA PLUS PORTAL L L C , Mise en Abyme — Reflection on Interconnectivity	97
ENSCHDEDE Tetem, Abner Preis, Underneath the Wings of a Butterfly	98
FANO Umanesimo Artificiale, meat, metal and code	99
FORMOSA Virtual and Physical Media Integration Association of Taiwan, Sensory Voyage	100
HALLEIN Escape Fake 2 0, Museum of Fake	104
HAMBURG Climate Service Center Germany (GERICS), Hen/I, Do Mayer, Disco Planet: Letheia	105
LINZ Creative Robotics, University of Arts Linz, Fashion and Robotics, Exploring the future of individualized apparel (re)manufacturing	106
JAKARTA Media Art Globale (MAG) organized by Connected Art Platform, TEMPEH UNIVERSE	107
MILAN MEET Digital Culture Center, AI-generated storytelling meets Mauro Martino	108
MONTREAL Hexagram, imprints	109
MONTREAL MUTEK, Immersive Collection	112
MONTREAL Xn Québec, Unleash the creative power of Quebec — A selection of art performance and XR/immersive works	114
NEW YORK XRE (Extended Reality Ensemble), Anne Wichmann aka She’s Excited!, Clara Francesca, Brittany Kurtinecz, Whitt Sellers, You Are BUTIFL	115
NEW YORK Hyphen Hub, Hyphen Hub Video Space	116
ROTTERDAM V2_ Lab for the Unstable Media, Summer Sessions	117
SCHIEDLBERG g tec medical engineering GmbH, Brain-Computer Interface & Neurotechnology in Games	119
TEMPE Meteor Studio, Arizona State University, William T Ayton, ConstellationXR	121
TOKYO Civic Creative Base Tokyo, CCBT	122
TOKYO Yasuaki Kakehi Lab, The University of Tokyo, Becoming Different	123
UTRECHT IMPAKT [Centre for Media Culture], CODE 2023	125
VIENNA ACOnet net.art coordination center, aaron's law — A Tribute to Aaron Swartz	127
WINDSOR INCUBATOR Art Lab, IOTA Institute, Jennifer Willet, Gentleman Scientist: Microecologies	128
WROCLAW Audiovisual Technology Center (CeTA), digital rites	129

CIFO x Ars Electronica Exhibition	130
Adrian Melis, Tales from the Mountaintop	131
Alba Triana, Vibrant Self	131
Ana María Gómez, Inoculate	132
Jhafis Quintero Gonzalez, Reflections	132
Andrés Ramírez Gaviria, 0.0.	133
Joaquín Aras, Añoranzas (Yira Yira)	133
Rosemberg Sandoval, El cuarto del artista en Bahareque	134
Natalia Espinosa, The Ark	134
Jonathan Torres Rodríguez, Wild Machines	135
EUMETA	136
MIT Center for Constructive Communication, Cortico, Maggie Hughes, Naana Obeng-Marnu, Cassie Lee, Spencer Russell, Deb Roy, Collective Echos	137
Stefan Kaegi, Rimini Protokoll, Uncanny Valley	138

CREATE YOUR WORLD 2023

Truth or Dare: The Party Game with our Future	142
Prix Ars Electronica: u19—create your world	143
Dynatrace, Magic AI Workshop	144
“Explainers” of the Technical Museum Vienna, roadLAB	145
Open Commons Linz, IKT Linz GmbH, Stadtbibliothek Linz, Open Commons Linz	145
Agnes Chavez, STEMArts Lab, OMAI, Space Messengers Collective	146
Maria Reitter-Kollmann, Andrea Hinterberger, Individual Art Space	147
Miriam Kandra, Ida Kieslinger, Helena Vancura, Body as a Medium	147
u19—create your world, mb21, c3, Only Tomorrow Association, What if ... everything turns out well? Youth Exchange project 2023	148
Sounds Queer? Collective, Sounds Queer Synth Lab	148
Verein Energiewende Linz, Helwin Prohaska, Johannes Ambrosch, Kristina Strauß, Martin Siedler, Sandro Russi, Powerplayground	149
De Toneelmakerij, Simon Duckham, Paulien Geerlings, Lot Houtepen, Martien Langman, Fake it till you make it	149
PlayOn! — New Storytelling with Immersive Technologies, FUTURE ECHOES	150

Oberosterreich Tourismus, Fiona Klima, Antonia Langer, Laura Reither, Lena Atzinger, Emely Mair, Lorenz Uhl, Max Wolschlager, Mara Bulajic, Luis Sefcsik, Sophie Dogl, Samuel Klancnik, The future of tourism	150
Martina Sochor, Elke Hackl, Josef Buchner, Hans-Christian Merten, Alicia Bankhofer, Ian Banerjee, Artist of Meditações, Martin Bauer, Sonja Hinteregger-Euller, Jan G. Grunwald, Landesschuler*innenvertretung Niederösterreich, Conny Lee, Forum: Digital Education	151
Arbeiterkammer OO, Padagogische Hochschule OO, Ars Electronica, Symposium Perspectives on Political Education	152
The education prize of OeAD, BMBWF, Ars Electronica, Klasse! Lernen	152
Virtual Office FAB Linz, Bettina Gangl, Helmut Doblhofer, Birgit Polz, Reinhard Zach, Fortuna One — the Happy AI	153
Otelo eGen, Verein Otelo, Martin Hollinetz, Hannelore Hollinetz, Katharina Hollinetz, Flora Nimue Hollinetz, Eva Hubler, Karim Hegazy, Susanne Horschlager, Tobias Hollinetz, Art-Creagravity	153
Tabea Tremmel, Simon Hehl, Michael Wittmann, Ricarda Dorfmeister, Willi Gold, Alexander Mahla, CECI N’EST PAS UN TOURNESOL	154
MKD — Meisterschule für Kommunikationsdesign, Meet me Meta	154
Mary Mayrhofer, Patrick Litzlfellner, The Hissing Booth	154
KLASSE! LERNEN	156
Musikmittelschule (Music Middle School) Eggenburg, He[a]rophone	156
Bischofliches Gymnasium Paulinum, Schwaz, Film project Reading Night	157
Lower Austrian Middle School Lunz am See, With water for the environment	158
Ursulinen High School Innsbruck, 4CD — Fablab Ursulinen Innsbruck	158
High School BG/BRG Pichelmayergasse, Vienna, Elective subject Game Design	159
Middle School Kematen, Gamification — Motivation to Learn	159
Elementary school Stattegg, Digital Scavenger Hunt — Path of Sustainability	160
GRG13 Wenzgasse, Vienna, Soap Workshop 4.0	160
Phonixschule — digiTN-Middle School Attnang-Puchheim, PODix — Phönixschule ON AIR	161
August Thielmann, Telfs, We are under pressure!	161

CAMPUS EXHIBITION	
UNIVERSITY OF ARTS LINZ Manuela Naveau, Marlies Hajnal, Simon Hochleitner, radical collectives	164
Anton Bruckner Private University Linz, Manufacturing Audible Truth	202
Festival X , The Dubai Institute of Design and Innovation, New York University Abu Dhabi, American University of Sharjah, Festival X Next Gen	213
University of Applied Science Berlin, School of Culture and Design, Department of Communication Design, Artificialism	217
University of the Arts Berlin and Technical University Berlin, MA Design & Computation, New Practice in Art and Technology	219
University of Arts Bremen, Digital Media Program, Matter Matters	221
National University of Theatre and Film "I. L. Caragiale", Master of Interactive Technologies for Performing and Media Arts, Digital Orbuculum	223
School of the Art Institute of Chicago, Funnel & Switch	225
University of Chicago, Actuated Experience Lab—AxLab, Actuated Experience	227
Babeş-Bolyai University, Faculty of Theater and Film, Reverse Manipulation	228
College For Creative Studies, Graduate User Experience Design Program, DETRO TUNE	230
Virginia Commonwealth University, School of the Arts in Qatar, Meta-Functions of Cultural Production	231
The Hong Kong University of Science and Technology (Guangzhou), Back to the Roots and Up to Space	234
National Tsing Hua University, A Face Drawn in Sand	236
Musrara, the Naggar School of Art and Society, Dual Space	238
Osaka University of Arts, Possible Fiction	239
University of Continuing Education Krems, University of Arts Linz, University of Applied Arts Vienna, Expanding the Archive of Digital Art	241
ECAL/University of Art and Design Lausanne, Bachelor Media & Interaction Design, Fantastic Smartphones	242
London College of Communication, University of the Arts London, Body Machine Ritual	245
Royal College of Art, School of Communication, Digital Undercommons	248
Design for Performance and Interaction, The Bartlett School of Architecture, University College London, Agents of disruption and transformation	251
HSLU—Lucerne School of Art and Design, The Anatomy Lessons	254
University of Nova Gorica School of Arts, me ∞ us	255
UMPRUM Academy of Arts, Architecture and Design in Prague, Revising the digital	257
University Research School ArTeC, Paris 8 University Vincennes—Saint-Denis, TEAMeD Research Lab, The Looting Bag Theory of Fiction	258
Mozarteum University, Spot On MozART	260
University of Salzburg (Paris Lodron Universität Salzburg), DEGENET	261
UC Chile, University of Chile, National University of Tres de Febrero, FUTURE ANCESTORS	262
Korea National University of Art K-ARTS (KR), Pohang University of Science and Technology, FRAMELESS	264
Sungkyunkwan University SKKU, Beyond the Sight	266
University of Seville, ASTER> Art ^ Science	267
ShanghaiTech University, Ethereal Dreams in Augmented Realms	270
Nanyang Technological University, Singapore, Butterfly's Dreams: The New Aesthetic of AI in Artistic Practice	272
Taipei National University of the Arts, Epicentrum	276
JIZAI ARMS project team, The University of Tokyo, JIZAI ARMS	282
Universidad Austral de Chile in collaboration with Universidad de Chile, Universidad de Santiago de Chile, Diagramming History	283
mdw University of Music and Performing Arts Vienna, Beyond the surface	284
Institutio Media, Alt Lab Tutorial Series	286
Bauhaus-Universität Weimar, Non-machines: Playground of Perspectives	289
EVENTS, CONCERTS, PERFORMANCES	
Opening of Ars Electronica and IDSA FOUNDING LAB	296
OPENING	296
Luc Gut, Rolf Hellat, OSZILOT	297
Riccardo Giovinetto, FE:MI:NA	297
Kyoka, Alı Mahmut Demirel, Syntax-2	297
Robin Fox, TRIPTYCH	297
The Big Concert Night of Ars Electronica — Sounding out the Origins	298
Present's moment of force	299
Bára Gísladóttir, SILVA	299
Def Ill aka Ruffian Rugged, Free Purgatory Tickets	299
NIGHTLINE	301
Jessiquoi, Jessiquoi	301
Noemi Buchi, ECLIPSE	301
Soraya Lutangu, Bonaventure	301
Myriam Bleau, Unsculpt	301
Kenji Araki	301
Mika Bankomat	301
Pianographique — Piano music x digital images: Maki Namekawa — The Köln Concert	302
Cod.Act, André Décosterd, Michel Décosterd, Uperqt	303

EUROPEAN PLATFORM FOR DIGITAL HUMANISM	
EPDH-Projects	306
Ars Electronica: a European Platform for Digital Humanism	308
The Next Renaissance	309
S+T+ARTS Initiative	309
EIT Culture & Creativity	312
Culture & Creative Industry Futures	312
ACuTe	313
CCI Thrive	314
DOORS	315
Transdisciplinary Cultures	316
More-than-Planet	317
IMPETUS	318
Critical ChangeLab	319
WeSTEAM	320
Critical Technologies	321
European Digital Deal	322
EMAP	323
Realities in Transition	324
FUNKEN Academy	325
ARS ELECTRONICA ANIMATION FESTIVAL	
Juergen Hagler, NEW ANIMATION ART—TECTONIC SHIFT: Evolution and history	328
University of Applied Sciences Upper Austria, Ars Electronica, ARS ELECTRONICA ANIMATION FESTIVAL 2023	330
Electronic theatre	331
AI & Human	331
Data, bodies, space	332
Austrian panorama	332
Young animations	333
Transmediale guest program	334
Special screening Golden Nica winner 2023	334
Meet the artist series	335
Juergen Hagler, Jeremiah Diephuis, Expanded Animation 2023—The Art of Performance	336
Birgitta Hosea, Juergen Hagler, Synaesthetic Syntax IV: The Ghost vs the Machine	337

DEEP SPACE 8K	338
Yuma Yanagisawa, AI Flowers	339
Razieh Kooshki, Vahid Qaderi, Striate Cortex	339
Olga Sevillano Pintado, Raúl Martínez Arranz, A Portrait of the Artist as a Young Man (and as a Young Woman Too)	340
Gerald Peter, Visionary Music	341
Project Humanity, Project Humanity	341
Grand Palais Immersif, Iconem, Fondazione Musei Civici di Venezia, Venice Revealed	342
Erick Aguirre, Kevin Blackistone, Jiaji Cheng, Danica Golić, Kathrine Hardman, Eunji Ji, Polina Kliuchnikova, Kateryna Pomeichuk, Homodyne	343
Jorg Menche, Sebastian Pirch, Norbert Unfug, Felix Muller, Christiane V. R. Hutter, Connected	344
Dietmar Hager — Near or far? Do we see what we see?	344
Alejandro Vergara, Javier Pantoja Ferran, Goya's Truth	345
Patrick Dykstra, Wolfgang Knopfler, Patrick and the Whale	346
Franz Fischnaller, LAST SUPPER INTERACTIVE (LSI)	346
Mauro Martino, Mapping the NFTs Revolution and the preview of Milan, Factory of the Future	347
David Szauder, Tango in Wonderland	347
Michael Najjar, cool earth	348
Rebecca Merlic, Tulpenmania / Dorum	348
Dan Tell, The Quest for Cosmic Truth	349
(Hexagram Network) ALMA / Marc-André Cossette, Alexandre Saunier, The Shape of Things	349
Michel Lemieux, Victor Pilon, Cité Mémoire Montréal (Xn Québec)	350
France Jobin, Markus Heckmann, Entanglement (MUTEK Immersive Collection)	351
Line Katcho, Immortelle (MUTEK Immersive Collection)	351
VH Award, 5th VH AWARD	352
Subash Thebe Limbu, Ladhamba Tayem; Future Continuous	352
Riar Rizaldi, Fossilis	353
zzyw (Yang Wang, Zhenzhen Qi), Other Spring	353
Su Hui-Yu, The Space Warriors and The Digigrave	354
Zike He, Random Access	354
University of Arts Linz, Time-Based and Interactive Media Arts Department, INTERPLAYFUL SENSORIC ENVIRONMENTS	355
Ars Electronica Animation Festival	358
Further project and programs shown in the Deep Space 8K	359

GUEST PROJECTS

Tina Kult, TINA KULT hosted by Ars Electronica	362
monochrom, monochrom's ARSE ELEKTRONIKA 2023: Sexponential	362
Kulturhauptstadt Bad Ischl Salzkammergut 2024 GmbH, Bad Ischl Salzkammergut 2024 European Capital of Culture Jour Fixe	363
Jung von Matt DONAU GmbH, No room for us	363
SUSTAINABLE FOOD BIO AUSTRIA	363
Simon Kopfberger, Rita Newman, Interactive Resonance Sphere	364
Yen-Tzu Chang, The Mirage Replicas 2.0	364
Yoichiro Kawaguchi, Sofia Talanti, Markus Riebe, Cytolon's whisper (Satelite Events)	365
HyungJun Park, Artificial Consciousness	365
Stadtwerkstatt, STWST48X9 COLD HEAVEN	366
Infolab / FRANZ XAVER, Endless Approach to Zero	366
Shu Lea Cheang, UKI	367
Michael Aschauer, Petro Sculpture #1.20.23	367
Tanja Brandmayr, Minus werden (Become Minus)	368
Stadtwerkstatt (AT) + Associated Collectives, BLOODPROOF OF LIFE	369

ARS ELECTRONICA

ARS ELECTRONICA CENTER	372
Education in the Era of AI and Social Media	374
Digital Basic Education Packages	375
New Exhibition: Compass <i>reloaded!</i>	384
Program Highlights 2022/23	390
Deep Space Highlights 2022/23	393
Event Service	396
Festival Program @ Ars Electronica Center	397

ARS ELECTRONICA FUTURELAB	
Hideaki Ogawa, What are the futures?	400
Matthew Gardiner, Framing Futures Research	402
Ideas Expedition	403
Denise Hirtenfelder, Peter Haider, Nicolas Naveau, Maria Pfeifer, Bridge 2040	403
Susanne Kiesenhofer, Anna Oelsch, Daniel Rammer, Deep Sync	404

Faust VR	404
missimo: Deine Mission Morgen	406
SHARESPACE	407
Oribotic Instruments	408
Ori Shelter	408
Future Team Project	409
Data Art & Science Project	410
Collective Transformation Lab	410
Glockner.Luft.Raum	411
AT&S New Working World	412
Objection	412
Ars Electronica Japan	413
Art Thinking Japan Initiative	414
Open Futurelab & Futurelab Night Performances	415

ARS ELECTRONICA SOLUTIONS	
Ars Electronica Solutions @ Festival 2023	418
Deep Space as a customized solution for international customers	420
PROJECTS	422
DAS MORGEN	422
SIAE 2023 — ESA	423
NAWAREUM	423
Brauereimuseum Wieselburg	424
Lagermax — Roadshow	424
Kometor Peuerbach	424
ESA Space Expo: Earth from Space	425
FHOOE Steyr — Digi Space	425
Preview	425

ARS ELECTRONICA EXPORT 2023	
Esch2022—European Capital of Culture, IN TRANSFER—A NEW CONDITION	428
“Del cielo al agua y lo que está en el centro”	428
ArtScience Residency enabled by Art Collection Deutsche Telekom 2020—2023	429
Kosice 2.0 X Ars Electronica X Art & Tech Days	429
Forehead Vulva Channeling Research by Artist: S()fia Braga	430
Matsudo International Science and Art Festival — Circular Creativity	430
Ars Electronica Animation Festival on Tour 2022	430