CURRICULUM VITAE

Andreas Zingerle, PhD

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Andreas Zingerle is a media producer, artist, researcher and lecturer from Austria. He received his PhD from the University of Art and Design Linz (Austria) researching topics such as Internet crime, vigilante counter-movements and anti-fraud activism. He implements social engineering and open source intelligence strategies that emerge in his research into interactive narratives, artistic installations, data visualizations and creative media competence trainings. In the last years he worked on several installations, co-organized festivals and curated exhibitions that explore a creative (mis)use of technology and alternative ways of Human Computer Interaction. Since 2004 he takes part in international conferences and exhibitions, among others Ars Electronica, Siggraph, Japan Media Arts Festival, File, WRO Biennial.

Co-Founder KairUs Art+Research
www.kairus.org

KairUs is a collective of two artists Linda Kronman (Finland) and Andreas Zingerle (Austria). Currently based in Bergen (Norway), they explore topics such as vulnerabilities in IoT devices, corporatization of city governance in Smart Cities and citizen sensitive projects in which technology is used to reclaim control of our living environments. Their practice based research is closely intertwined with their artistic production, adopting methodologies used by anthropologists and sociologist, their artworks are often informed by archival research, participation observations and field research. Besides the artworks they organize events, curate exhibitions and publish academic research papers / open access publications to contextualize their artworks to wider discourses such as data privacy & security, activism & hacking culture, disruptive art practices, electronic waste and materiality of the internet.

Educational Qualifications

- **PhD (Doctor of Philosophy)**, University of Art and Design Linz, Austria.
  Dissertation title: 'Artistic anti-fraud activism against online advance fee fraud'
  supervised by: Prof. Mag. Gitti Vasicek (2012-2016)
- **Magister artium (Master of Arts)**, Interface Cultures, University of Art and Design Linz, Austria.
  Thesis title: 'Der Überflieger – Wearable Interfaces for Spy Pigeons',
  supervised by: Prof. Dr. Christa Sommerer (2004-2009),
  Erasmus Exchange semester at Media Lab, Aalto University, Helsinki, Finland (2008)
- **Diploma**, New Design University, Visual Media Production, St. Pölten/Vienna, Austria (2002-2004)

Professional Experience

- **Associate Professor,** Department of Linguistic, Literary and Aesthetic Studies, University of Bergen, Norway (2019)
- **Research Assistant Professor**, SIMA-Sol Int. Media and Communication Arts, Woosong University, Daejeon, Republic of Korea. (2017-2018)
- Research Lab **coordinator and exhibition curator** 'Behind the Smart World' (2014-2016)
  - Art Meets Radical Openness exhibition, Linz, Austria (2016)
  - 'Behind the smart world' exhibition at Ars Electronica Festival, Linz, Austria (2016)
- **Assistant Professor**, Time based and Interactive Media, University of Art and Design Linz, Austria (2012-2016)
- **Visiting lecturer** 'Opening museums' HCI Interaction Design Research,

Central Academy of Fine Arts, Experimental Media Department, Beijing, China (09-12/2011)
- **Co-Founder**, KairUs Art+Research, (2010-ongoing)
- **Artist, HCI Researcher, User centered Design Workshop facilitator**, Patchingzone, Rotterdam, NL (2009-2010)

Teaching

Department of Linguistic, Literary and Aesthetic Studies, University of Bergen, Norway
- 2019 Winter: Dikult 203

SIMA-Sol Int. Media and Communication Arts, Daejeon, Republic of Korea
- 2018 Spring: Transmedia content performance
- 2018 Spring: Transmedia storytelling basics
- 2018 Spring: UI/UX Design
- 2017 Winter: UI/UX Design
- 2017 Fall: Post Production Basics
- 2017 Fall: Media, Technology, Society
- 2017 Summer: Curation and group exhibition
- 2017 Spring: Introduction to Digital Media (IoT, smart cities, security/privacy by design)

University of Art and Design, Linz, Austria
- 2014-16: Introduction to Interactive Art (310.096)
- 2013-15: Sensor technologies (310.013)
- 2012-15: Introduction to Interface Technologies (310.040)
- 2012-14: Workshop module Interactive Media (with P. Cirio, K. Karvinen, A. Haider) (310.101)
- 2014: Workshop module Time based Media (with Stefan Kainbacher) (310.101)
- 2012-14: TIME events (organizing exhibitions and 'open house' presentations) (310.009)
- 2013: Artistic Research in Web Art+Design: Social Media & digital storytelling (390.013)
- 2012: Introduction to Motion tracking (310.013)

Visiting Lecturer
- Fall 2011: Opening Museums (in collaboration with Today Art Museum) City Design Schools Experimental Media Studio, China Central Academy of Fine Arts, Beijing, China

Workshops
Over the last years I facilitated a wide range of workshops e.g.
- Mapping smart futures, Piksel, Bergen, Norway (2019)
- Mapping the smart world, Freies Theater Innsbruck (2016)
- Credible fiction – deceptive realities, data forensic tools, Graz, Steirischer Herbst, (2015)
- F/LOSS tools for academic research, University of Art and Design Linz, Austria (2015)
- Documenting and presenting artistic research, PhD meetup Linz (2014)
- Internet crime fiction and digital narratives, (held at various conferences and festivals since 2012)
- Storytelling, Shamanism and Human-Mountain Interaction, Seoul, Korea (2011)
- Ultra-Long time exposure photography (Solargrafica*), Timelab, Ghent, Belgium (2010)
- Alternative audio guides for city explorations, Rotterdam, Netherlands (2010)
- Real time image processing with wearable interfaces (Vjacket), Rotterdam, Netherlands (2010)
- Urban game design and mobile interaction (GFI 5341), Rotterdam, Netherlands (2009)

Visiting artist presentations
1. Future past still in the making, BEK, Bergen, Norway (2019)
2. Monday lecture series, University of Kunst, Music, Design (KMD), Bergen, Norway (2019)
3. Future DiverCities, BEK, Bergen, Norway (2019)

4. Your smart neighbourhood, Unmakelab, Seoul, ROK (2018)
5. Behind the smart world, Drugo-more, Rijeka, Croatia (2018)
6. Behind the smart world, Aksioma – Institute of contemporary Art, Ljubljana Slovenia (2018)
7. Transmedia matters, Ex. Design- und Medienkulturen, FHNW, Basel, Switzerland (2016)
8. Lange Nacht der Museen, Innsbruck, Austria (2016)
9. Stuttgarter Filmwinter, Stuttgart, Germany (2016)
10. Ecologies of Creative Activism, New Media Caucus, Washington D.C. (2016)
11. 32C3 Chaos Communication Congress, Hamburg, Germany (2015)
12. esc – medien kunst labor, Graz, Austria (2015)
13. Simon Fraser University, Vancouver, Canada (2015)
14. Digital culture research group, University of Bergen, Norway (2015)
15. Artist talk, Forum for Komputer Kultur, Basel, Switzerland (2015)
16. Unmake Lab, Artist presentation, Seoul, Korea (2014)
17. Bilgi University, Visual communication program, Istanbul, Turkey (2014)
18. Art Meets Radical Openness Festival, Linz, Austria (2014)
19. University of Lower Silesia, Dep. Of Journalism, Wrozlaw, Poland (2012)
20. Beijing Dance Academy, Dep. Stage Design, Beijing, China (2011)

Artist in Residence programs
1. Work residency at BEK, Bergen, Norway (2019, 7 days)
2. NKA Foundation, Kumasi, Ghana. (2014, 1 month)
3. REDGATE GALLERY, Beijing, China. (2011, 3 months)
4. National Museum of Contemporary Art, Seoul, Korea. (2011, 3 months)
5. Subnet, Salzburg, Austria. (2011, 3 months)
6. Timelab, Ghent, Belgium. (2010, 2 weeks)

Administrative experience & consulting
1. Peer reviewer, xCoAx Conference, Milan, Italy (2019)
2. Peer reviewer, xCoAx Conference, Madrid, Spain (2018)
3. Jury member, ICIDS – Art exhibition, Los Angeles, USA (2016)
4. Peer reviewer, ISEA conference, Hong Kong (2016)
5. Jury member, exhibition curator, Art Meets Radical Openness Festival, Linz, Austria (2016)
6. Peer reviewer, xCoAx Conference, Bergamo, Italy (2016)
7. Jury member Network Culture Award, Stuttgarter Filmwinter, Germany (2016)
8. Jury member, ICIDS – Art exhibition, Copenhagen, Denmark (2015)
9. Jury member, Artist Run Data Center Residency program, servus.at, Linz, Austria (2015)
10. Peer reviewer, xCoAx Conference, Glasgow, UK (2015)
11. Jury member, ICIDS – Art exhibition at Art+Science Center, Singapore (2014)
12. Peer reviewer, TEI – Tangible Embedded Interaction Conference, USA (2014)
13. Peer reviewer, TEI – Tangible Embedded Interaction Conference, Germany (2013)
14. Student admission jury member, University of Art and Design, Linz, Austria (2012-2015)
15. Student thesis jury member, University of Art and Design, Linz, Austria (2012-2013)
16. Cultural administrator, Student union, University of Art and Design, Linz, Austria (2007-08)

Projects in cooperation with Linda Kronman as KairUs Art+Research:
1. 2019: Future past still in the making… - multi-channel video installation
2. 2018: Sharing locations – Yongsan & Humphrey Garrison – mixed media installation
3. 2018: Panopticities – mixed media installation
4. 2018: Panopticity: Seoul – experimental video
5. 2018: Ruins of the smart city – photo series
6. 2016: Mapping the smart world – Interactive world map for Ars Electronica Festival 2016
7. 2016: Forensic Fantasies – installation

8. 2016: SSD Solution Labs – research in progress installation
9. 2015: Megacorp. – net.art, data visualization
10. 2015: Let's talk business – interactive audio installation
11. 2015: 22 harddrives: Agbobloshi e-waste data leak
12. 2014: Password:****** – data visualization
13. 2014: Monitoring Harry Brooks – data visualization sculpture
14. 2014: Burning cables – photo series
15. 2013: Faceless patrons – augmented storytelling
16. 2012: Testrun revolution – photo series
17. 2012: Opening museums – HCI research
18. 2011: Samalu – interactive storytelling interactive video installation
19. 2011: Re: Dakar Arts Festival – transmedia story, interactive installation

Projects done during M.A. studies:
1. 2009: Solargrafica*Graz – photo series of long ultra time exposure
2. 2009: Headbanghero – PC game with alternative game controller
3. 2009: Der Uberflieger – Wearable Interfaces for Spy Pigeons
4. 2008: Extension of Human Sight – experimental video
5. 2007: Solargrafica* – mixed media installation
6. 2006: Atemraum – reactive installation
7. 2005: Recipe table – interactive surface

Awards:
2016: Stuttgarter Filmwinter Network Culture award for installation 'Megacorp.'

Publications
Books
1. Zingerle, Andreas and Linda Kronman, 'The Internet of other people's things' (2018).
2. Zingerle, Andreas and Linda Kronman, 'Behind the Smart World – Saving, Deleting and Resurfacing Data' (2016). ISBN: 978-3-9504200-0-5
3. Zingerle, Andreas, and Linda Kronman, 'New Interaction methods for future museum experiences', self published.
4. Zingerle, Andreas, and Linda Kronman, 'Testrun Revolution', self published.

Book Chapters
1. Zingerle, A., Kronman, L., '"Let's talk business" and "Megacorp." - Examples of artistic anti-fraud activism' in 'Engineering the future' V&A Digital Design Week 2016.
2. Zingerle, A., 'Revealing Passwords – Using Social Engineering to Monitor Scammers' Communication', *International Journal for Art, Design, Technology*, IGI-Global.
3. Nigten A., and Zingerle A., et. al, 'Real Projects for Real People - 1', V2 press, Rotterdam, NL.

Referred conference papers
1. Zingerle, A., and Kronman, L., 'Information Diving on an E-waste Dump in West Africa: Artistic Remixing of a Global Data Breach', *Proceedings of the seventh conference on Computation, Communication, Aesthetics and X, University of Milan, Italy.*
2. Zingerle, A., 'Trust Us and Our Business Expands! How Net-activists Take Down Fraudulent Business Websites', *xCoAx Conference,* Bergamo, Italy.
3. Zingerle, A., 'Scambaiters, Human Flesh Search Engine, Perverted Justice', and Internet Haganah: Villains, Avengers, or Saviors on the Internet?', *proceedings of 21 st ISEA conference,* Vancouver, Canada.
4. Zingerle, A., 'Let's talk business – Narratives used in phone and email scams', *xCoAx Conference,* Glasgow, UK.

5. Zingerle, A., 'How to obtain passwords of online scammers by using social engineering methods', *Cyberworlds (CW), 2014 International Conference on. IEEE, 2014.*
6. Zingerle, A., 'The Art of Trickery: Methods to establish first contact in Internet scams', *xCoAx Conference*, Porto, Portugal (June 26, 2014).
7. Zingerle, A., 'Remain Anonymous, Create Characters and Backup Stories: Online Tools Used in Internet Crime Narratives', *Interactive Storytelling.* Springer International Publishing, 2014. 81-90.
8. Zingerle, A., and Kronman, L., 'Re: Dakar Arts Festival-Exploring Transmedia Storytelling Methods to Document an Internet Scam'. *Interactive Storytelling*. Springer International Publishing, 2013. 253-256.
9. Zingerle, A., and Kronman, L., 'ICIDS 2013 Workshop: Revisiting the Spam Folder–Using 419-Fiction for Interactive Storytelling'. *Interactive Storytelling* (2013): 279.
10. Zingerle, A., and Kronman, L., 'Humiliating Entertainment or Social Activism? Analyzing Scambaiting Strategies Against Online Advance Fee Fraud'. *Cyberworlds (CW), 2013 International Conference on*. IEEE, 2013.
11. Zingerle, A., and Kronman, L., 'Faceless Patrons–An Augmented Installation Exploring 419-Fictional Narratives'. *Interactive Storytelling*. Springer International Publishing, 2013. 245-248.
12. Zingerle, A., and Kronman, L., 'Transmedia Storytelling and Online Representations - Issues of Trust on the Internet', *Cyberworlds (CW), 2011 International Conference on*. IEEE, 2011.
13. Zingerle, A., and Freeman, T., 'Enabling the VJ as performer with rhythmic wearable interfaces', *Proceedings of the 19th ACM international conference on Multimedia*. ACM, 2011.
14. Zingerle, A., and Freeman, T., 'Vjacket–A Wearable Controller for Live Video Performance', *ISEA 2011 Istanbul-Portal*. 2011.
15. Zingerle A., and Kynde, L., 'Co-creation in the Big South Lab', *ISEA 2011 Istanbul-Portal*. 2011.

Referred journal articles
1. Zingerle A., and Kronman L., 'Evil web businesses, Romance scams and phone fraud. 3 artistic case studies deconstructing scammers online identities', Digicult #75 Digital narratives – Self narratives, Spring 2017.
2. Zingerle A., and Kronman L., 'Faceless Patrons—Scam stories and anti-fraud strategies', *Hyperrhiz 14 The End(s) of Electronic Literature: ELO 2015 Arts Program Summer 2016.*
3. Zingerle, A., 'Revealing passwords: Using Social engineering methods to monitor scammer email communication', *Analyzing Art, Communication and Design Technologies, IGI-Global.*
4. Zingerle, A., 'Towards a categorisation of scambaiting strategies', *Analyzing Art, Communication and Design Technologies, IGI-Global.*
5. *Kronman, L., Zingerle, A., 'Disruptive anti-fraud artivism – Digital art exposing Internet scammers', The Torist Journal*

Presentations at international conferences
1. 2019: xCoAx, Fabbrica del Vappore, Milan, Italy
2. 2019: Artech, Braga, Portugal
3. 2018: New Media Art Conference, Gimpo-si, ROK
4. 2018: Business & Human Rights, Asiacentre, Bangkok, Thailland
5. 2016: Overdrive conference, Gijon, Spain
6. 2016: DSSITSEC2016, Riga, Latvia
7. 2016: xCoAx, Bergamo, Italy
8. 2016: New Media Caucus, CCA, Washington D.C., USA
9. 2015: 32C3 Chaos Communication Congress, Hamburg, Germany
10. 2015: Internet Yamichi-ichi, ARS ELECTRONICA, Linz, Austria
11. 2015: Net-activism, Rome, Italy
12. 2015: ISEA, Vancouver, Canada.
13. 2015: Electronic Literature, Bergen, Norway
14. 2015: xCoAx, Glasgow, UK

15. 2014: xCoAx, Porto, Portugal
16. 2014: ICIDS, Int. Conference on Interactive Digital Storytelling, Singapore
17. 2014: Internet Research conference, .IR15, Daegu, Korea
18. 2014: Cyberworlds 2014, Santander, Spain
19. 2013: ARTSIT – Conference on Arts and Tech., Hangar Bicocca, Milan, Italy
20. 2013: CYBERWORLDS, Keio University, Yokohama, Japan
21. 2013: ICIDS, Int. Conference on Interactive Digital Storytelling, Istanbul, Turkey
22. 2013: SIGGRAPH ASIA, Hong Kong, China
23. 2012: SIGGRAPH ASIA, Singapore
24. 2012: PARN – Narrative strategies, MITI-Interactive Institute, Madeira, Spain
25. 2011: ACM Cyberworlds, Banff Center, Canada
26. 2011: ACM Multimedia 11, Scottsdale, AZ, USA
27. 2011: ISEA11 – Inter Society for Electronic Arts, Istanbul, Turkey
28. 2009: ACE 2009, Athens, Greece.
29. 2008: SIGGRAPH, Los Angeles, USA

Selected exhibitions
1. 2019: ARTECH Media Conference, Braga/Portugal.
2. 2019: xCoAx, Fabbrica del Vappore, Milan/Italy.
3. 2018: Artistic reconnaissance, CICA MUSEUM, Gimpo-si, Republic of Korea
4. 2018: Lucky 13, (DJAC), iGong Gallery, Daejeon, Republic of Korea
5. 2018: Forensic fantasies, DRUGO-MORE, Rijeka, Croatia
6. 2018: Forensic fantasies, AKSIOMA, Ljubljana, Slovenia
7. 2018: Exhibition/Forking room – Your smart neighborhood, Seoul/Republic of Korea
8. 2018: *The Urgency of Reality….,* ACM SIGGRAPH Digital Art Online Exhibition
9. 2017: 30th STUTTGARTER FILMWINTER, Stuttgart, Germany
10. 2017: #EXSTRANGE, Project Anywhere online auction/exhibition
11. 2017: WANDERLOST – Digital Art Festival, Copenhagen, Denmark
12. 2016: Ars Electronica EXPORT, Digital Design Week, V&A, London, UK
13. 2016: ARS ELECTRONICA, Linz, Austria
14. 2016: Mozfest 2016, Ravensbourne, London, UK
15. 2016: XCOAX, Bergamo, Italy
16. 2016: Art meets radical openness festival, Linz, Austria
17. 2016: Contemporaneity and Crisis, Museum of Contemporary Art of Vojvodina, Novi Sad, Serbia
18. 2015: Contemporaneity and Crisis, U1o Gallery, Belgrade, Serbia
19. 2015: GENERATE! Festival for Electronic Arts, Tübingen, Germany
20. 2015: STEIRISCHER HERBST, esc medien kunst labor, Graz, Austria
21. 2015: 28th STUTTGARTER FILMWINTER, Stuttgart, Germany
22. 2015: XCOAX, Glasgow, UK
23. 2015: Electronic literature conference - Interventions, USF Bergen, Norway
24. 2015: ISEA, Vancouver, Canada
25. 2014: 27th STUTTGARTER FILMWINTER, Stuttgart, Germany
26. 2014: Muu Gallery, Helsinki, Finland
27. 2014: Paraflows, Vienna, Austria
28. 2014: XCOAX, Porto, Portugal
29. 2014: Art meets radical openness, Linz, Austria
30. 2013: 26th STUTTGARTER FILMWINTER, Stuttgart, Germany
31. 2013: DYSTORPIA, NYC, USA
32. 2013: ARTSIT – Conference on Arts and Tech., Hangar Bicocca, Milan, Italy
33. 2013: 15th WRO Biennale, Wroclaw, Poland
34. 2013: NEMAF – New Media art Festival, Seoul, Korea
35. 2013: SIGGRAPH ASIA, Hong Kong

36. 2012: SIGGRAPH ASIA, Singapore
37. 2012: LA Project Gallery, NYC, USA
38. 2012: CONTEMPORARY ART RUHR, Ruhr, Germany
39. 2012: PARAFLOWS.7 – REVERSE ENGINEERING, Vienna, Austria
40. 2012: AUSTRO-SINO-ARTS, Beijing, China
41. 2012: AR FESTIVAL, Paiju, Korea
42. 2012: PLAYING ON, Seoul, Korea
43. 2011: DUKWON GALLERY, Seoul, Korea
44. 2011: ISEA, Istanbul, Turkey
45. 2011: PLAYFACE INTERCULT, Freiraum, MQ Vienna, Austria
46. 2010: AMNESTY INT. HUMAN RIGHTS ART FESTIVAL, Washington D.C., USA
47. 2010: JAPAN MEDIA ARTS FESTIVAL, Tokyo, Japan
48. 2010: ICA 2010, Singapore
49. 2010: ADAPTION FESTIVAL, Dutch Culture Center, Shanghai
50. 2010: 3RDI, MKGallery, Rotterdam, Netherlands
51. 2010: FAD, Belo Horizonte, Brazil
52. 2009 : ALLARTNOW, Damaskus, Syria
53. 2009: FILE, Rio de Janeiro, Brazil
54. 2009: SPECULUM ARTIUM, Lubiljana, Slovenia
55. 2009: ARS ELECTRONICA, Campus Exhibition, Linz, Austria
56. 2008: FILE, Sao Paulo, Brazil
57. 2008: COLLISION, London, U.K
58. 2008: SIGGRAPH, Los Angeles, CA, USA
59. 2008: 809 INIAF, Yichang City/Hubei Province, China
60. 2008: DISLOCATE08 – Festival for Art/Tech/Locality, Tokyo, Japan
61. 2008: PIXILERATIONS [v.5], Providence, RI. USA
62. 2008: ELECTROFRINGE, Newcastle, NSW, Australia
63. 2008: MOVE 2 DIGITAL Art Fair, Coruna, Spain
64. 2008: SIMULTAN 04, Timisoara, Romania
65. 2007: COLLISION, London/U.K
66. 2007: OFF LIMITS Festival, Dortmund, Germany
67. 2007: ARS ELECTRONICA – Campus 2.0, Linz, Austria
68. 2007: DISLOCATE, Tokyo, Japan
69. 2006: ARS ELECTRONICA – Campus, Linz, Austria
70. 2006: FREIRAUM, MQ, Vienna, Austria
71. 2006: AUTOMATICA, Munich, Germany
72. 2006: GALERIE RAGNARHOF, Vienna, Austria
73. 2005: ARS ELECTRONICA – Campus, Linz, Austria
74. 2004: THE INTERVENTIONISTS, MoCA, Boston,Mass., USA

Artworks in collections
1. 'Passwords:******', AV-arkki digital archive (Finland)
2. 'Password:******', Land Tirol (Austria)
3. 'Burning cables', Land Tirol (Austria)

Membership in organizations
- ACM – Advances in Computer Machinery (Global)
- IR – Internet Research Association (Global)
- AV – Arkki (Finland)
- NMC New Media Caucus (USA)
- Servus.at – Art&Culture network-based initiative (Austria)

Grants

- 2017 Global academic research grant, Korean National Research Foundation (USD 250K)
- 2015 Research grant for 'Behind the smart world' (USD 35K)
- 2011 UNESCO Aschberg bursary for AIR at National Museum of Art, Korea (USD 5K)
- Since 2008 several project and travel grants by (<USD 8K/year): Austrian ministry for Art&Culture, District of Styria, District of Tirol, District of Upper Austria, Austrian Cultural Forums in: Belgrade, London, Istanbul, Brasilia, Washington D.C., Los Angeles, Seoul.

Portfolios

- www.andreaszingerle.com
- www.kairus.org