

# Curriculum vitæ: markus wernli

As design practitioner, teacher and researcher, I am working on socially-led circularities that contribute to local communities and ecologies. I pursue food-enabling urbanism and community-directed resource care on the intersection of collective behaviour change, other-implicating health and interconnected households.

## 1. Personal details and the date of the CV

Surname: WERNLI  
First name: Markus  
Scopus ID: 57213586898  
ORCID: <http://orcid.org/0000-0002-8027-7354>  
Google Scholar <https://shorturl.at/hilQW>

## 2. Degrees

May 2019 PhD in Design, Social Design, School of Design, Hong Kong Polytechnic University.  
July 2007 MFA Master of Fine Arts (New Media) Transart Institute, Danube University Krems.  
May 2001 Certificate in Web Design & Technology, San Francisco State University.  
April 1994 Foundation Diploma in Graphic Design, School for Applied Arts, Zurich.  
April 1989 Foundation Diploma in Jewelry Design & Engraving, School for Applied Arts, Zurich.

## 3. Other education or expertise

2015 'Remaking Nature!' Introduction to Environmental Humanities, online course by UNSW.  
2009 Internship with Eating Design Studio Proef of Marije Vogelzang, Amsterdam.

## 4. Language skills

Native tongue: German (Zurich dialect)  
Nov 2013 International English Language Testing System (IELTS) Academic (8.0 band score)  
Nov 2008 Japanese-Language Proficiency Test 日本文学と日本語教育 (JLPT) Level N1  
April 1990 Diplôme d'Études de Langue Française (DELF) Level A.

## 5. Current employment

June 2020 Research Assistant Professor, School of Design, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, SAR China.  
Early career academic, temporary term (5 years).

## 6. Previous work experience

2020- Research Assistant Professor, School of Design, Hong Kong Polytechnic University.  
2015-9 PhD Candidate, Urban Environments Lab, School of Design, Hong Kong Polytechnic U.  
2012-4 Research Design Manager, Australian Centre on China in the World, ANU, Canberra.  
2010-1 Typographic consultant for Asian languages, Amazon's Kindle development team, Cupertino.  
2003-9 Independent researcher in public art, design, photography, and curation, Kyoto.  
2000-2 Art Director Interaction Design, Modern Media/FutureBrand, LLC, San Francisco.  
1999 Senior UX Designer, NetAbacus Software, LLC, San Francisco.  
1996-8 Senior Branding/Packaging Designer, FutureBrand/The Coleman Group, Basel and London.  
1994-6 Art Director Visual Design for Now! Advertising, Basel.

## 7. Career breaks

1990 Yearlong social intern assignment with innercity parish to support homeless and children programs for underserved communities in northern Philadelphia (PA) and Camden (NJ), USA.  
1986-7 Military service for Swiss Armed Forces (unit: Transmission/Command Support) including Base Training of 23 weeks and Corporal Sub-Officer Training and duty of additional 28 weeks.

## 8. Research funding and grants

- 2022 Cross-sector R&D grant, Zero Foodprint Asia Hong Kong for 'Soil-Care Hospitality' program (HK\$ 750,000).
- 2021 Seed Grant, Design Trust, Hong Kong for Belongs-to-the-Field (collective nutrients cycling) (HK\$ 50,000).
- 2021 General Research Fund Hong Kong for Tai O Stilt House Scanning Research (Co-PI) (HK\$ 1,000,000).
- 2017 Internationalization Grant, Stimulerings Fonds, NL, for project Anthroponix. (€ 35,000).
- 2016 Seed Grant, Design Trust, Hong Kong for project Anthroponix (collective urine upcycling). (HK\$ 50,000).
- 2015 PhD Fellowship, Research Institute for Sustainable Urban Development, Hong Kong. (HK\$ 450,000).
- 2005 Foundation M Tuition Award, Transart Institute and Danube University Krems. (€ 15,000).

## 9. Research output

Total number of publications (Google Scholar): 31

- 2023 Cosmotechnic Encounters: Designing with Foodwaste, Landscapes, and Livelihoods. *Contexts—The Systemic Design Journal*, 2.  
Are We Repairing Soils and Each Other Here? Exploring Design Cosmotechnics in the Waste Age. In: *Design/Repair: Place, Practice & Community* (Kalantidou E, Keulemans G, Mellick Lopes A, Rubenis N, Gill A, eds.). Cham: Palgrave Macmillan.  
Provocation Soil Trust: Designing economies inside an interspecies world of feeders. *Journal of Cultural Economy*, 16(4).
- 2022 Co-design of the pluriversal Commons Model Canvas for Soil Trust social pilot. In: *Proceedings of the Participatory Design Conference 2022*, Association for Computing Machinery (ACM), August 2022 (authored with Justin Sacks).  
Intriguing Human-Waste Commons. In: *Design Commons: Practices, Processes and Crossovers*; Gerhard Bruyns, Stavros Kousoulas (eds). Cham: Springer.  
Our Own Metaphor: Tomorrow is Not for Sale. *World Futures New Paradigm Research*.
- 2021 Collective Wondering. *CoDesign* (Designing for Reimagined Communities).  
'Breathful' design in breathless times. *Strategic Design Research Journal*, 14(1), 175-186.  
Bringing Home Recursions: Co-Crafting Environmental Self-Implication in Adult Design Education. *Cubic Journal*, 4(1).  
Anthroponix: Upcycling Urine as Collective Design Practice. In: *New Experimental Research in Design 2*; Christensen M, Michel R, Jonas W (eds). Basel: Walter de Gruyter
- 2019 Short-comings and Unintended Vulnerabilities. In: *Design & Nature*; Fletcher F, St-Pierre L, Tham M (eds). Routledge: London.
- 2018 Anthroponix: Close Your Nutrients Cycle in Ten Weeks. In: *The Field Guide to Hacking*. Poon M (ed). Hong Kong: Design Trust Press.
- 2017 Fermentation of Human Urine. *Journal of Environmental Management*, 198:63-69
- 2016 Cultivating More-than-Human Lifeworlds. *ISEA 2016 Symposium*, Hong Kong.
- 2004 Mirei Shigemori, *Renewing the Japanese Garden*. Berkeley: Stonebridge Press.

## 10. Research supervision

Total no. of:     PhD co-supervisee: 1 (urban planning design)  
                      PhD mentees: 5 (media and environment design)  
                      MDes principle supervisees: 5 (design practice)  
                      BA(hons) principle supervisees: 32 (social design)  
                      Post-doctoral trainee: 1 (eco-psychological design)

## 11. Teaching merits

2024<sup>a</sup> Guest lecturer for BSc (Hotel Management) *ESG Investments In Action*: "Design-led ESGs for value creation in local environment and community". PolyU School of Hotel and Tourism Management (Deniz Kucukusta).

2024<sup>b</sup> Co-creation research incubator and eco-social design subject matter consultant for BA(hons) *Integrated Designpreneurship (SD4005)*, Social+Service Design (Benny LEUNG).

2024<sup>c</sup> Guest lecturer and tutor for MDes class *Transitional Environments Design (SD5739)*: “Food-Enabling the City Region—Habitats, Societies, and Spatial Complexes” (Hee Sun CHOI).

2023<sup>a</sup> Co-creation research incubator and eco-social design subject matter consultant for BA(hons) *Integrated Designpreneurship (SD4005)*, Service Design (Benny LEUNG).

2023<sup>b</sup> Facilitator of Soil Trust Farm Studio for BA(hons) *Cooperative Work-Integrated Program (SD4001)*: “Growers Without Borders—Designing Tools for Intersectoral Farm Experiment” (Kam Fai CHAN and Jonathan YU).

2022<sup>a</sup> Tutor and eco-social design subject matter consultant for BA(hons) *Social Design Capstone (SD4309)*: Realization, Documentation and Evaluation (King Chung SIU).

2022<sup>b</sup> Guest lecturer and tutor for MDes *Strategic Approaches to the City (SD5708)*: “Fermenting the City—What if urban soil care was a priority?” Urban Environment Design (Hee Sun CHOI).

2020/1 Instructor for BA(hons) *Art Direction Foundations (SD3263)*. Communication/Advertising/Interaction Design.

2016-9 Tutor for MDes *Future Contexts for Design (SD5012)*: Sustainment, Ethics and Dialectics. Research-led Design Practices (Tony Fry and Anne-Marie Willis).

2017 Facilitator of citizen science platform ‘Anthroponix’, PolyU School of Design, Hong Kong. Facilitator of workshop “Microbial Campus: Generating Indigenous Bokashi”, General Education Unit, The University of Hong Kong.

2014 Guest speaker for Dr. Paul d’Arcy’s “Asia-Pacific Environmental Conflicts: Causes and Solutions”, Australian National University, School of Culture, History & Language, Canberra.

2012-3 Facilitator of workshop “Intro to DIY-Terra Preta”, Australian National University, Canberra.

2005-7 Lecturer of Visual Design, Zokei University of Art, College of Creative Design, Kyoto.

2004 Guest lecturer for intervention art, Communication Lab, Future University, Hakodate, Japan.

2001-2 Teacher’s Assistant, Multimedia Studies Program, San Francisco State University.

1993-4 Graphic design and silk screen workshops for Urban Promise Studios, Camden, NJ, USA.

1991-2 Media literacy and indie publication workshops for Youth Club Aragast, Yerevan, Armenia.

## 12. Awards and honours

2023 Nomination for President’s Award in Knowledge Transfer relating to impact case ‘Soil Trust: Food (waste) Circularity Across Societal Sectors’, The Hong Kong Polytechnic University.

2023 Best Poster Presentation Award of Smart Ageing Session, Academy for interdiscipl. Research.

2009 Selected entry “The Façade Project” at Josetti Höfe Gallery/Cultura, Berlin.

2007 Exhibition Grant, Pro Helvetia Swiss Arts Council, curated by Sue Hajdu, Ho Chi Minh, VN.

2004 Graham Foundation/Nissho Iwai Foundation publication support for Shigemori Mirei book.

## 13. Other key academic merits

2023 Reviewer for DRS2024 Track 28: ‘[Retail, Hospitality and Service Design Futures](#)’ in Boston.

2023 Reviewer for DRS2024 Track 20: ‘[Designing Resilient Food Futures](#)’ in Boston.

2022 Reviewer for Participatory Design Conference PDC2022 in Newcastle.

2021 Workshops Chair at [IASDR 2021 Conference ‘Reinventing Design Modes’](#) in Hong Kong.

2021~ Member of PolyU [Research Institute for Future Food](#), RIFood (sustainability track).

2020~ Member of School of Design Internalization-at-Home task force (student exchange).

2015-9 Member of PolyU Research Institute for Sustainable Urban Development (RiSUD).

## 14. Scientific and societal impact

2023 Subject-Matter Expert for [Service Design Hong Kong](#), Business of Design Week.

2015 Commentary to hearing of Legislative Panel on New Agricultural Policy in Hong Kong.

2011-4 Periodical production for think tanks and trade commission of Australian government.

2023/12 Architecture Media Politics Society (People+Planning): [Hyper-localizing Pedagogies in Design](#).

2023/6 6th Nordic STS Conference, University of Oslo: [Soil Trust: Connecting foodwaste & landscapes](#).

2023/5 Academy for Interdisciplinary Research Conference: *Senior-enabling E-Farm* (PolyU HK).

2023/5 [Conceptual Practice](#) in Design, Creative Industries, and Cultural Heritage. Hang Seng U, HK.

2023/3 [Prototyping Economies for the Ecologically Regenerative City](#), roundtable (PolyU HK).

2023/3 Waste/Economy/Ecology Symposium: Design in the Waste Age (Western Sydney University).

2023/2 [Design Commons: Practices, Processes & Crossovers](#), ACSA111 Annual Meeting (U of St. Louis).

- 2022/10 [Institute of Advanced Studies' Annual Theme Launch: \*Breathe\*](#) (Loughborough U, London).  
 2022/9 [Fall 2022 Discussion Series](#), Department of Architecture (The University of Hong Kong).  
 2022/8 Participatory Design Conference 2022, [workshop with Justin Sacks](#), (New Castle University).  
 2022/4 [Urban Edible Spaces Forum](#), General Education Program (The University of Hong Kong).  
 2022/3 Design Making: Advanced Colloquia Series II, School of Architecture (U of Cape Town).

### **Work residencies**

- 2018 [Are You Bodysteady?](#) *Redesign the Future*, Albert Van Abbehuis, Eindhoven, NL.  
 2017 [Aquaforming Mars!](#) Korean Research Center for Chemical Technology, Daejeon, Korea  
 2016 [Peeling Out](#) (でてる), *Mapping Aesthetics of Urban Life in Asia* Winter School, IAS, Kyoto  
 2015 [Fermenting Jeju](#), *Among-Garde international residency*, Arts scenic, Jeju City, Korea.  
 2014 [Toilet Hack to Soil Membership](#), *Utopiana Art Space*, Genève  
 2012 [Safe Rooftop Tree 23 Temple Street](#), Wooferten (活化廳) Shanghai St Culture Space, Kowloon.  
 2012 [The Clamshell Connection](#), *ChengLong Environmental Art*, Kuan Shu Foundation, Taiwan.  
 2012 [Safe Rooftop Tree 23 Temple Street](#), (communal rooftop gallery) Wooferten, Hong Kong.  
 2011 [Kelp Lab](#) (다시마 기르기), narrative installation with sea farmers, OpenSpace Bae, Busan, SK.  
 2010 [Dancing Cooks](#) (no-menu restaurant in the wet market), *Seoksu Art Project*, Anyang, Korea.  
 2010 [La Mente Fresca](#), *Le Ville Matte* (art with sheep and artichoke farmers), Villasor, Sardinia.  
 2009 *In\_Between* (play-dough sculptures from encounters), *Curators Without Galleries*, Kyoto.  
 2007 [Shadow Followers](#), *The Bao Loc Project* (art with coffee farmers), Ho Chi Minh City, Vietnam.

## **15. Other merits**

### **Tool palette**

PROFICIENT: HTML, PHP. Adobe CC. MacOS X. Windows. MS Office. ATLAS.ti Web. Online collabo tools (Google Workspace, Drive and Calendar; Figma, Outlook, MS Teams; Zoom). Social media.

FAMILIAR: FinalCut Pro, Unix/Linux.

NON-DIGITAL: Professional experience in analogue and digital photography, avid user of video and sound recording. Strong affinity for cross-cultural typography. Traditional visualization and prototyping skills with pencil, paint and paper. Critical and relational thinker, brainstormer, organizer, composter, fermenter and horticulturist.