



African Co-Design Academy

November 26th & 27th 2023

Co-located with AfriCHI 2023

A two-day summer school to collaboratively explore co-design approaches and best practices, with a particular emphasis on the African context.

WELCOME!

Dear student, the African Co-Design Academy welcomes you to this two-day summer school. During the next two days, we will have lectures, discussions, and a group project to experiment with co-design. We hope this will be an enriching experience for students, lecturers and other AfriCHI participants, enabling all to reflect together on how to plan and conduct co-design in Africa.

GROUP PROJECT

Your co-design project during the next two days will be to think about how to connect African researchers working in Human-Computer Interaction. It can be hard to find other people doing similar research, especially for early career researchers who are still getting to know the area and researchers. We invite you reflect about the community needs, about current networking practices, and potential ideas for creating a collaborative platform for finding and connecting with researchers.

AGENDA

DAY 1 November 26th

09:00 AM 09:10 AM	Welcome and Introductions
09:10 AM 09:30 AM	Ice Breaker @Bill Tucker
09:30 AM 10:15 AM	Introduction to Community-Based Co-Design and Ethics @Heike Winschiers-Theophilus, @Melissa Densmore
10:15 AM 10:45 AM	Lightning Talks @Shaimaa Lazem, @Sarina Till
10:45 AM 11:15 AM	Coffee-Break
11:15 AM 12:50 PM	Session on Speculative Design and Games as Co-Design @Joana Silva, @Naveen Bagalkot, @Nervo Verdezoto
12:50 PM 01:00 PM	Present Group Project Design Brief
01:00 PM 02:00 PM	Lunch
02:00 PM 03:15 PM	Group Projects Session @Beatriz Félix, @Joana Silva, @Sarina Till
03:15 PM 04:00 PM	Analysing Co-Design Materials with Affinity Mapping and Thematic Analysis @Beatriz Félix, @Nervo Verdezoto
04:00 AM 04:30 AM	Coffee-Break
04:30 AM 05:00 AM	Analysing Co-Design Materials
04:30 AM 05:00 AM	Reflections about Conducting Co-Design Sessions @Heike Winschiers-Theophilus, @Melissa Densmore, @Shaimaa Lazem, @Thulani Ngubane

DAY 2 November 27th

09:00 AM 09:15 AM	Welcome, Recap and Plans for the Day
09:15 AM 10:00 AM	Students Presentations and Reflection on the Values of their Projects @Heike Winschiers-Theophilus
10:00 AM 10:45 AM	Building and Sustaining a Community Project @Thulani Ngubane
10:45 AM 11:15 AM	Coffee-Break
11:15 AM 12:45 PM	Group Projects Session @Beatriz Félix, @Joana Silva, @Sarina Till
12:45 PM 02:00 PM	Lunch
02:00 AM 02:30 AM	Preparation of the Results Presentations
02:30 PM 03:30 PM	Group Presentations @Bill Tucker
03:30 AM 04:00 AM	Coffee-Break
04:00 PM 04:45 PM	Preparation of the Panel to Present at AfriCHI @Nervo Verdezoto
04:45 PM 05:30 PM	Final Reflections and Write-Up Plans @Sarina Till

READINGS

REQUIRED READINGS

Winschiers-Theophilus, H., Zaman, T. & Stanley, C., ***A classification of cultural engagements in community technology design: introducing a transcultural approach*** (2019)

Dorian Peters, Susan Hansen, Jenny McMullan, Theresa Ardler, Janet Mooney, and Rafael A. Calvo, ***"Participation is not enough" — Towards Indigenous-led co-design*** (2018)

Sarina Till, Jaydon Farao, Toshka Lauren Coleman, Londiwe Deborah Shandu, Nonkululeko Khuzwayo, Livhuwani Muthelo, Masenyani Oupa Mbombi, Mamare Maria Mothiba, Shane Norris, Nervo Verdezoto Dias, and Melissa Densmore, ***Community-based Co-design across Geographic Locations and Cultures: Methodological Lessons from Co-design Workshops in South Africa*** (2022)

SUGGESTED READINGS

Human-Computer Interaction Across Contexts

Medhi, I., ***User-centered design for development*** (2007)

Dray, S. M., Light, A., Dearden, A. M., Evers, V., Densmore, M., Ramachandran, D., Kam, M., Marsden, G., Sambasivan, N., Smyth, T., van Greunen, D., & Winters, N., ***Human Computer Interaction for Development: Changing HCI to Change the World*** (2012)

Ethics and Co-Design

San Code of Research Ethics (2017)

Paul Dourish, Christopher Lawrence, Tuck Wah Leong, and Greg Wadley, ***On Being Iterated: The Affective Demands of Design Participation*** (2020)

Jenny Waycott, Greg Wadley, Stefan Schutt, Arthur Stabolidis, and Reeva Lederman, ***The Challenge of Technology Research in Sensitive Settings: Case Studies in 'Sensitive HCI'*** (2015)

Christina Harrington, Sheena Erete, and Anne Marie Piper, **Deconstructing Community-Based Collaborative Design: Towards More Equitable Participatory Design Engagements** (2019)

Dearden, A., & Tucker, W. D., **Moving ICTD Research Beyond Bungee Jumping: Practical Case Studies and Recommendations** (2016)

Participatory Design

Dearden, A., & Rizvi, H., **Participatory IT design and participatory development: a comparative review** (2008)

Heike Winschiers-Theophilus, Shilumbe Chivuno-Kuria, Gereon Koch Kapuire, Nicola J. Bidwell, and Edwin Blake, **Being participated: a community approach** (2010)

Till S, Mkhize M, Farao J, Shandu LD, Muthelo L, Coleman TL, Mbombi M, Bopape M, Klingberg S, van Heerden A, Mothiba T, Densmore M, Verdezoto Dias NX, CoMaCH Network, **Digital Health Technologies for Maternal and Child Health in Africa and Other Low- and Middle-Income Countries: Cross-disciplinary Scoping Review With Stakeholder Consultation** (2023)

Design Methods (Speculative, Design Cards, etc.)

Maletsabisa Molapo, Melissa Densmore, and Limpho Morie, **Apps and Skits: Enabling New Forms of Village-To-Clinic Feedback for Rural Health Education** (2016)

Toshka Coleman, Sarina Till, Jaydon Farao, Londiwe Shandu, Nonkululeko Khuzwayo, Livhuwani Muthelo, Masenyani Mbombi, Mamare Bopape, Alastair van Heerden, Tebogo Mothiba, Shane Norris, Nervo Verdezoto, and Melissa Densmore, **Reconsidering Priorities for Digital Maternal and Child Health: Community-centered Perspectives from South Africa** (2023)

Chris Muashekele, Heike Winschiers-Theophilus, Kasper Rodil, and Alphons Koruhama, **Ancestral and Cultural Futuring: Speculative Design in an Indigenous ovaHimba context** (2023)

Pedro Gil Farias, Roy Bendor, and Bregje F. van Eekelen, **Social dreaming together: A critical exploration of participatory speculative design** (2022)

Christina Harrington and Tawanna R Dillahunt, **Eliciting Tech Futures Among Black Young Adults: A Case Study of Remote Speculative Co-Design** (2021)

Chelsea-Joy Wardle, Mitchell Green, Christine Wanjiru Mburu, and Melissa Densmore, **Exploring Co-design with Breastfeeding Mothers** (2018)

Elizabeth B.-N. Sanders & Pieter Jan Stappers, **Co-creation and the new landscapes of design** (2008)

Co-Design in Action

Isaac Holeman, Edwin Blake, Melissa Densmore, Maletsabisa Molapo, Fiona Ssozi, Elizabeth Goodman, Indrani Medhi Thies, and Susan Wyche, **Co-Design Across Borders Special Interest Group** (2017)

Kapuire G.K., Winschiers-Theophilus H., Brereton M, **Deriving Engagement Protocols Within Community-Based Co-design Projects in Namibia** (2017)

Blake, E. H., Tucker, W. D., Glaser, M., & Freudenthal, A., **Deaf telephony: Community-based co-design (case study)** (2011)

Maletsabisa Molapo, Melissa Densmore, and Limpho Morie, **Designing with Community Health Workers: Enabling Productive Participation Through Exploration** (2016)

McKercher, K. A., **Beyond Sticky Notes. Doing Co-design for real: mindsets, methods and movements** (2020)

Infrastructuring

Helena Karasti and Anna-Liisa Syrjänen, **Artful infrastructuring in two cases of community PD** (2004)

Helena Karasti, **Infrastructuring in participatory design** (2014)

Richmond Y. Wong, Vera Khovanskaya, Sarah E. Fox, Nick Merrill, and Phoebe Sengers, **Infrastructural Speculations: Tactics for Designing and Interrogating Lifeworlds** (2020)

Frameworks for Analysis

Friedman, B., Kahn, P. H., Borning, A., & Hultgren, A., **Value sensitive design and information systems** (2013)

Kleine, D., **ICT4WHAT?-Using the choice framework to operationalise the capability approach to development** (2009)

NOTES



ACCESS READINGS

Access to the required and suggested readings through these QRcodes or the links below:

Required Readings



<https://parentcoach.projects.fraunhofer.pt/files/requiredreadings.zip>

Suggested Readings



<https://parentcoach.projects.fraunhofer.pt/files/otherreadings.zip>

FUNDING ENTITIES

