Sheffield Hallam University's *Lab4Living* presents

Design4Health2024
International Conference

equilibrium

in a time of

permacrisis

Conference Programme

UKRI Research England | LIGHTMAIN | Lab 4 Living

Welcome to Design4Health 2024

Design4Health is the collection of events, publications and networks established by Lab4Living. Design4Health includes an international peer reviewed journal and a series of international conferences, first convened in 2011, that bring together designers and creative practitioners with researchers, clinicians, policy makers and users to discuss and disseminate their research.

Our publications and events provide an opportunity to reflect on how the disciplines of design and health might continue to develop new ways of thinking and working, and how we might impact positively and sustainably on the social, economic and cultural factors within our communities and beyond.

equilibrium in a time of *permacrisis*

Permacrisis is a term used to describe an extended period of instability and insecurity. History has shown that new ways of thinking can be borne in times of overwhelming change and crisis.

D4H2024 will offer space to pause, reflect and examine the role of design research in re-imagining the discipline of design for health in the context of rapidly evolving challenges.

Conference Information

Conference Venue

Sheffield Hallam University
Charles Street Building
133 Charles Street
Sheffield, S1 2ND

The Charles Street Building is a 10-minute walk from the train station. Access to the conference venue is via the Main Entrance of the Charles Street Building.

Car Parking

Please note that there are no car parking facilities available for delegates at the conference venue itself. Local car parks can be located at, **www.shu.ac.uk/visit-us/ how-to-find-us/where-to-park**

Conference Registration

On arrival delegates should report to the registration and information desk, situated just inside the Heart of the Charles Street Building. Registration will take place at the following times:

Tue 25th June, from 12.30
Wed 26th June, 8.30 – 9.00
Thu 27th June, 8.30 – 9.00

At registration you will receive a printed conference programme and name badge which should be worn at all times during the conference. Please be aware the programme schedule may be subject to change. We will keep delegates updated throughout the conference.

Posters Exhibition

Delegates are encouraged to visit the conference posters exhibition which will be open throughout the day. It will be located in front of the Dorothy Fleming Theatre, in the Charles Street Building.

Catering

Catering will be served in front of the Dorothy Fleming Theatre, in the Charles Street Building. If you have not already done so, please confirm any dietary and/or access requirements with us as soon as possible.

The conference venue is also located close to Sheffield's vibrant Cambridge Street Collective, Europe's largest indoor purpose built food-hall – details of which can be found at, **www. cambridgestreetcollective.com**

Conference Dinner

The Hide
30 Scotland St
Sheffield, S3 7AA

Date: Wed 26th June
Time: 19.00 onwards

If you have registered and paid for the conference dinner you will be given a voucher.

Conference Exhibition: Design4Health in a Time of Permacrisis

Private View
Tue 25th June, 18:00 – 20:30
Yorkshire Art Space
Persistence Works
21 Brown St
Sheffield, S1 2BS

Opening address:
Professor Liz Mossop, VC,
Sheffield Hallam University

Join us at the Cambridge Street Collective afterwards!

Exhibition dates:
Tue 25th June – Fri 5th July

Opening times:
Weekdays 10.00 – 17.00

Wi-Fi

Free Wi-Fi will be available for delegates on arrival.

Information for presenters

Presentations should no longer than 15 minutes. Each 90-minute breakout session has 4 presentations and will be chaired. This will leave 30 minutes at the end for questions for the speakers and discussion. Presentations will follow the order on which they appear in the programme. The programme schedule may be subject to last minute changes, we will let you know if this is the case.

Please arrive at the session 15 minutes before your session starts with your presentation on a memory stick to allow time to upload your presentation before the session begins and to give you the opportunity to meet and introduce yourself to the chair of your session.

AV facilities will be available in each breakout room but please let us know as soon as possible if you have any specific requirements.

Conference Contacts

For enquiries in advance of the conference, please contact Julie Roe via email – **j.roe@shu.ac.uk**

During the conference period please contact Julie via telephone – **07760 508 824**

or Claire Craig via email – **c.craig@shu.ac.uk**

We look forward to welcoming you to Sheffield and wish you an interesting and enjoyable conference.

Summary

Tue 25th June

12:30 Registration and Lunch

14:00 Welcome

14:30 Keynote 1
Ken Arnold

15:30 Coffee

16:00 Session 1
Readdressing Power Imbalances
Context of Care
Technologies in Health
Methods

17:30 Close

18:00 – 20:00
Exhibition – Private Viewing
Yorkshire Artspace
Doors open at 17:45

Wed 26th June

8:30 Registration

9:00 Session 2
Readdressing Power Imbalances
Planetary Health
Technologies in Health
Design Pedagogies

10:30 Coffee

11:00 Keynote 2
Lorna Ross

12:00 Lunch

13:00 Session 3
Readdressing Power Imbalances
Context of Care
Technologies in Health
Methods

14:30 Play
100 Not Out by Brian Daniels

15:30 Coffee

16:00 Session 4
Readdressing Power Imbalances
Context of Care
Technologies in Health
Design Pedagogies

17:30 Close

19:00 – 23:00
Conference Social Event
The Hide

Thurs 27th June

8:30 Registration

09:00 Keynote 3
Lise Autogena

10:00 Coffee

10:30 Session 5
Readdressing Power Imbalances
Context of Care
Technologies in Health
Design Pedagogies

12:00 Lunch

13:00 Session 6
Readdressing Power Imbalances
Context of Care
Technologies in Health
Design Pedagogies

14:45 Coffee

15:15 Plenary

17:00 Close

Rooms
● Lion
● Serpent
● Eagle
● Badger

Session 1
Tuesday 25th June
16:00 – 17:30

Strand:
Re-addressing Power Balances

Room: Lion

Talk 1
Listening to Data –
Vibrating with Different Frequencies
Presenter: Reay
Abstract Number: 6

Talk 2
We Can Empower Ourselves:
A Collaborative Research Methodology
for (Self)-Empowering Visually Impaired
Research Partners in Conducting Design
Research for and by Themselves
Presenter: Li
Abstract Number: 97

Talk 3
Evaluating Design My Way –a Toolkit to
Empower Autistic Young Adults
and their Caregivers
Presenter: Waardenburg
Abstract Number: 75

Talk 4
The Hospital Design Sprint:
Embedding a Culture of Design
Presenter: Creighton & Manning
Abstract Number: 134

Strand:
Context of Care

Room: Serpent

Talk 1
Designing for Adolescent Oral Health:
A Participatory Approach with Insights
from Hope Theory
Presenter: Jasbi
Abstract Number: 116

Talk 2
Co-design of outpatient forms to improve
post-discharge care co-ordination
for healthcare workers treating vulnerable
newborns in Kenya
Presenter: Grewal
Abstract Number: 33

Talk 3
A design-led study to improve hospital
patient discharge experience
Presenter: Flynn
Abstract Number: 136

Talk 4
Engaging Roma women in the co-creation
of an antenatal care information resource
Presenter: Claisse
Abstract Number: 93

Strand:
Technologies in Health

Room: Eagle

Talk 1
Involving older informal caregivers of
people with multimorbidity in co-design
group activities to develop support
strategies for better health and well-being
Presenter: Arakelyan
Abstract Number: 84

Talk 2
Digital Transformation of Cancer
Rehabilitation – DIGI-CARE –
from Concept to Digi-clinical Practices
Presenter: Göransson
Abstract Number: 158

Talk 3
Co-designing a monitoring system to
support patient safety in emergency care
Presenter: Neves
Abstract Number: 140

Talk 4
Ageing in a Digitally Connected World:
A design toolkit to promote healthy ageing
Presenter: Zitkus
Abstract Number: 149

Strand:
Methods

Room: Badger

Talk 1
Beyond Research for Research's Sake:
A Deep Dive into the Obstacles of
Research Translation
Presenter: McLaughlan
Abstract Number: 4

Talk 2
Exploring Design4Health Global Network's
dynamic visual identity as a reflexive tool
for data gathering and community building
Presenter: Nesbitt
Abstract Number: 117

Talk 3
How to gather emotional reactions in
healthcare service analysis? An exploratory
study of how researchers can measure
emotions during service exploration
Presenter: Gonzalez
Abstract Number: 64

Talk 4
Peer2Peer: Developing child friendly data
collection tools
Presenter: Tang
Abstract Number: 96

Session 2
Wednesday 26th June
9:00 – 10:30

Strand: Re-addressing Power Balances

Room: Lion

Talk 1
Stepping outside the red line:
An exploration of two co-design methodologies exploring lived experiences of remote support for eating disorders throughout COVID-19 and beyond
Presenter: Murphy-Morgan
Abstract Number: 118

Talk 2
Prototype Theory, Aesthetics and Invisible Disability
Presenter: Pasari
Abstract Number: 81

Talk 3
Design grief: participatory design activism for trauma, sadness, the unresolved, and the inevitable
Presenter: Cummings
Abstract Number: 59

Talk 4
Co-design for all; End-user co-design of technologies with people of all abilities
Presenter: McDonald
Abstract Number: 135

Strand: Planetary Health

Room: Serpent

Talk 1
Palliative Care for Place / Place as Patient
Presenter: McLaughlan
Abstract Number: 32

Talk 2
CAREWorld: The development of a fictional landscape tool for future visions of care
Presenter: Urquhart
Abstract Number: 146

Talk 3
Urban Design as an Antidote to Loneliness? The Relationship between Transit-Oriented Urban Environments and Social Interaction among Older Adults in Sydney, Australia
Presenter: Xie
Abstract Number: 63

Talk 4
Equity and Health in Canadian Industrial Districts: The State of the Art
Presenter: Hidalgo
Abstract Number: 107

Strand: Technologies in Health

Room: Eagle

Talk 1
Tell me a story: Use of sensory ethnography and co-design process to understand and improve communication and bonding between babies and families in a neonatal intensive care unit
Presenter: Grant
Abstract Number: 68

Talk 2
Social support models and engagement patterns of Online Health Communities: a systematic scoping review
Presenter: Ooms
Abstract Number: 90

Talk 3
Wearable Airbags: Investigating Attitudes Towards Inflatable Hip Protectors
Presenter: Andrews
Abstract Number: 98

Talk 4
Wearable Cool Infuser for Antibiotic Delivery at Home: Improving the User Experience
Presenter: Flynn
Abstract Number: 142

Strand: Design Pedagogies

Room: Badger

Talk 1
Navigating complexity in design for health internships to enhance students' real-world learning
Presenter: Khoo
Abstract Number: 53

Talk 2
Traversing the Infodemic: Analyzing Communication Practices and Strategies in Portuguese Media During and After the Covid-19 Pandemic
Presenter: Barreto
Abstract Number: 73

Talk 3
Diving into students' design strategies during a hackathon: case study and implications for design pedagogies
Presenter: Terlouw
Abstract Number: 2

Talk 4
Serious Stories Seeking Positive Outcomes
Presenter: MacDonald
Abstract Number: 49

Session 3
Wednesday 26th June
13:00 – 14:30

Strand: Re-addressing Power Balances

Room: Lion

Talk 1
Co-designing resources to empower the families of preterm infants: From hospital to home
Presenter: Lievesley
Abstract Number: 129

Talk 2
Participatory Design of EHR Components: Crafting Novel Relational Spaces for IT Specialists and Hospital Staff to Cooperate
Presenter: Robert & Moniez
Abstract Number: 119

Talk 3
Designing to Empower: Co-designing with and for young women with Type 1 Diabetes
Presenter: Hughson-Gill
Abstract Number: 47

Talk 4
Connections in action: unpacking the complexities of research with communities through creative methods
Presenter: Nakarada-Kordic
Abstract Number: 43

Strand: Context of Care

Room: Serpent

Talk 1
StrokeLINK: A design-led approach to post-stroke care
Presenter: Creighton & McFarlane
Abstract Number: 133

Talk 2
Drawing as a Language for Cognitive Enhancement: Exploring Inclusive and Immersive Environments for Patients with Partial to Complete Locked-In Syndrome
Presenter: Penedos-Santiago
Abstract Number: 137

Talk 3
Communicating wound care: improving health care access through design decisions
Presenter: Niederleithinger
Abstract Number: 131

Talk 4
Values, value and the valuable: Designing loyalty and value into mental health therapy for both users and clinicians
Presenter: Newton
Abstract Number: 3

Strand: Technologies in Health

Room: Eagle

Talk 1
Designing AI for Home Wellbeing and implications for new healthcare technologies
Presenter: Corrigan-Kavanagh
Abstract Number: 22

Talk 2
Co-creation With and For AI: The Case of Mental Well-Being AI Companion
Presenter: Eriksson
Abstract Number: 25

Talk 3
Flo-San Hand Sanitiser – Research and Development Project
Presenter: Fenwick
Abstract Number: 88

Talk 4
The Institutional Memory Project: Strengthening Institutional Memory in the Emergency Department at The Royal London Hospital
Presenter: Montague
Abstract Number: 121

Strand: Methods

Room: Badger

Talk 1
Design & systems thinking in healthcare improvement: Patient Ecosystem Mapping
Presenter: Inns
Abstract Number: 154

Talk 2
The use of storyboards to validate the script of educational videos on hip and knee osteoarthritis for older adults in a Brazilian public health context
Presenter: Sara Goldchmit
Abstract Number: 127

Talk 3
Recovery and Renewal of Participation in Healthcare Change: a realist approach to understanding adaptations in co-design during and beyond the pandemic
Presenter: Sellen
Abstract Number: 150

Talk 4
Revisiting Cognitive Maps to Promote Transdisciplinary Working
Presenter: MacDonald
Abstract Number: 48

Session 4
Wednesday 26th June
16:00 – 17:30

Strand: Re-addressing Power Balances

Room: Lion

Talk 1
Co-designing Te Ara Poutama –
A tool for courageous conversations
Presenter: Messiter and Reay
Abstract Number: 18

Talk 2
IntegrEAT – Participatory workshops
for developing motivating nutritional
communication for people with
intellectual disabilities
Presenter: Kaufmann
Abstract Number: 87

Talk 3
Trauma-Informed and Uninformed
Co-Design Practices: Insights Gained from
Two Storytelling Projects Involving People
with Lived Experience
Presenter: Raber
Abstract Number: 105

Talk 4
Making the invisible tangible: exploring
visual mapping approaches to facilitate
paediatric technology design development
Presenter: Ankeny
Abstract Number: 91

Strand: Context of Care

Room: Serpent

Talk 1
Dementia and sensory processing: a study
of surfaces for multimodal stimulation
Presenter: Solheiro
Abstract Number: 114

Talk 2
Re-Designing the Future of Residential
Aged Care: Exploring the Role of
Intergenerational Communities,
Sustainability and Technology
Presenter: Caldwell
Abstract Number: 46

Talk 3
Exploring Design Contexts for
Workplace Health & Wellbeing
Support with Older Workers
Presenter: Hay
Abstract Number: 37

Talk 4
Sensing Spaces of Healthcare: Improving
environments through creative research
Presenter: Bates
Abstract Number: 27

Strand: Technologies in Health

Room: Eagle

Talk 1
Ivvor: Digital Jewellery to Support an
Ongoingness Practice in Bereavement
Presenter: Wallace
Abstract Number: 26

Talk 2
Designing out Paediatric Pain
Presenter: Chamorro
Abstract Number: 15

Talk 3
A Systemic Approach for Designing
of the Patient empowerment Process
in Chronic Care Ecosystem: A Patient
Journey Perspective
Presenter: Erdonmez
Abstract Number: 126

Talk 4
Using Human-Centred Design for
the development of fall and near-fall
detection E-textiles
Presenter: Rahemtulla
Abstract Number: 41

Strand: Design Pedagogies

Room: Badger

Talk 1
Bridging Disciplinary Gaps: A Multimodal
Analysis of Design Choices in Visual
Communication Campaigns for Mental
Illness Stigma Reduction
Presenter: Orton
Abstract Number: 94

Talk 2
Designing games for people living with
dementia: an approach centred on
the person's biographical and cultural
characteristics
Presenter: Lima
Abstract Number: 5

Talk 3
Towards evidence-based design
of digital health tools
Presenter: Inauen
Abstract Number: 67

Talk 4
Designing for Future Healthcare –
developing a new pedagogy for
co-designing accessible, sustainable
and equitable healthcare futures
Presenter: Flynn
Abstract Number: 95

Session 5
Thursday 27th June
10:30 – 12:00

Strand: Re-addressing Power Balances

Room: Lion

Talk 1
Designing Participation to Reframe Power in Collaborative Research with Young People with Lived Experience
Presenter: Stephens
Abstract Number: 72

Talk 2
Design for Emergencies: Community-Activated Design for Disaster Risk Reduction
Presenter: Carlson
Abstract Number: 21

Talk 3
Redressing power imbalances in care for people with intellectual disabilities: Co-creating inclusive research methods for collaboration in long-term care
Presenter: Godfroij
Abstract Number: 36

Talk 4
Reflections on adopting a Human-Centred design approach to support agency and well-being for women living with Raynauld's, through a creative fashion knitwear and textile practice
Presenter: Shawgi
Abstract Number: 83

Strand: Context of Care

Room: Serpent

Talk 1
Effects of single-patient room on healthcare professionals: a contextual portrait
Presenter: Hammouni
Abstract Number: 128

Talk 2
(Meta)Stability in Crisis Moments: Re-imagining the Homely in Adolescent Palliative Care
Presenter: Nasab
Abstract Number: 31

Talk 3
Eliciting Peoples' Networks and Ecologies of Care in Later Life
Presenter: Sheahan
Abstract Number: 111

Talk 4
Day Patient Experience Design Investigation
Presenter: Routley
Abstract Number: 55

Strand: Technologies in Health

Room: Eagle

Talk 1
Nature Environments for Narrative Care: Co-creating Virtual Nature as a Conversation Starter
Presenter: Otten
Abstract Number: 56

Talk 2
Patient Centred Multimedia Distraction Strategies in the Emergency Departmen
Presenter: Flynn
Abstract Number: 144

Talk 3
A Person-Centred Self-Management Care Implementation – The North-West PCC initiative
Presenter: Orre
Abstract Number: 159

Talk 4
Self Efficacy Toolkit: A Content Agnostic Online Intervention Platform
Presenter: Lahoda
Abstract Number: 160

Strand: Design Pedagogies

Room: Badger

Talk 1
Pedantic vs semantic: exploring the ongoing barriers to interdisciplinary practice between design and health and how systemic silos impact practice
Presenter: Phillips
Abstract Number: 145

Talk 2
Designing for Care Together: Enhancing Future Practices through Newspaper-Driven Co-Design
Presenter: Liu
Abstract Number: 42

Talk 3
The NOVELL Redesign project: A healthcare design Living Lab for rethinking stroke rehabilitation design and services
Presenter: Lipson-Smith
Abstract Number: 44

Talk 4
Collaborating with 'Experts by Experience': Stroke Survivors as Co-teachers for Post-graduate Students in Art and Design
Presenter: Jakob
Abstract Number: 132

Session 6
Thursday 27th June
13:00 – 14:30

Strand:
Re-addressing Power Balances

Room: Lion

Talk 1
Reaffirming collaborative relationships: the importance of collaboration between designers and clinical champions for impact within healthcare contexts
Presenter: Khoo
Abstract Number: 54

Talk 2
Participant-led documentation: A differentiating factor between focus group research and co-design practices
Presenter: Davis
Abstract Number: 71

Talk 3
Talking Pictures: Developing Pictures to Overcome Language Barriers in Healthcare
Presenter: Olalia
Abstract Number: 89

Talk 4
Our Experiences with Experience-Based Co-Design
Presenter: Vossebeld & Van der Schoot
Abstract Number: 66

Talk 5
Navigating Narratives: Autoethnography in Shaping Healthcare Innovation
Presenter: Kane/Fives
Abstract Number: 147

Talk 6
Supporting the stillbirth journey: a comparison of in-person and virtual co-design workshop approaches to gathering knowledge from bereaved parents about their hospital experience.
Presenter: Raber
Abstract Number: 152

Strand:
Context of Care

Room: Serpent

Talk 1
Rigorous and always from the heart: What personas do in designing a youth care facility
Presenter: Jellema
Abstract Number: 92

Talk 2
Amplifying Local Dayak Voices for Designing Indigenous Health Systems in East Kalimantan
Presenter: Selamet
Abstract Number: 38

Talk 3
Leveraging the Potential Role of People Living with Chronic Conditions (PLWCC) in the Healthcare Ecosystem: A Preliminary Investigation from the Meso Level Perspective
Presenter: Erdonmez
Abstract Number: 125

Talk 4
The Ripple Framework: The social value of a co-design approach for care home innovation
Presenter: Kettley
Abstract Number: 112

Talk 5
Addressing COVID-19 vaccine hesitancy within refugee, newcomer, and non-status communities: exploring humor and animation
Presenter: Sellen
Abstract Number: 151

Session 6
Thursday 27th June
13:00 – 14:30

Strand:
Technologies in Health

Room: Eagle

Talk 1
Reflections on the design of HappyHere,
a digital installation facilitating participation,
reflection and discussion on wellbeing data
in the Arts sector
Presenter: Skelly
Abstract Number: 161

Talk 2
Healio – a design solution for motivating
proprioception rehabilitation through
audio feedback
Presenter: Tetteroo
Abstract Number: 34

Talk 3
Meeting Evolving Needs: Clinicians' Use of
Do-It-Yourself Assistive Technologies (DIY-
AT) for Amyotrophic Lateral Sclerosis (ALS)
Presenter: Bohre
Abstract Number: 108

Talk 4
Creating Community Connectors:
Seeding community-led strategies to
combat social isolation in aged communities
Presenter: Gaughwin
Abstract Number: 139

Talk 5
Designing sensory gardens for the well-
being and health of people in cities, with
particular emphasis on young people and
threats to the natural environment
Presenter: Moszkowicz
Abstract Number: 45

Strand:
Design Pedagogies

Room: Badger

Talk 1
Innovative Pedagogies in Designing for
Health: A Journey into Mass-Customisation
through Wearable Protectors
Presenter: Chamorro-Koc
Abstract Number: 153

Talk 2
Towards an Academy of Life: Exploring
Future Design Pedagogies for Broadening
the Discourse on Ageing
Presenter: Kremer
Abstract Number: 61

Talk 3
Design Thinking and Research Thinking
in Healthcare: A Beginners' Guide
Presenter: Noble
Abstract Number: 1

Talk 4
Making Arabic Accessible: Developing
a Font for Dyslexic Readers Through a
User-Centred Design Approach
Presenter: Hejres
Abstract Number: 69

Talk 5
Beyond a Buzzword: Clarifying empathy
and its related concepts; a scoping review
Presenter: Flynn
Abstract Number: 124