



Cumulus Conference Proceedings Series 07/2021 Rome Design Culture(s) **Cumulus Conference** Proceedings Roma 2021 Volume #2

#### **Editors**

Loredana Di Lucchio Lorenzo Imbesi Angela Giambattista Viktor Malakuczi

#### **Layout and Graphic Design**

Viktor Malakuczi Concept for Cumulus Conference Proceedings Series was developed in 2018 by Jani Pulkka

#### Cumulus conference

Design Culture(s) hosted by Sapienza University of Rome, Italy on June 8-11, 2021. Conference website: www.cumulusroma2020.org

#### **Published by Cumulus**

Cumulus the Global Association of Art and Design Education and Research. Aalto University, School of Arts, Design and Architecture PO BOX 31000, FI-00076 Aalto www.cumulusassociation.org

#### Copyright © 2021

Sapienza University of Rome, Cumulus Association, Aalto University. All content remains the property of authors, editors and institutes.

ISBN 978-952-64-9004-5 (PDF) ISSN 2490-046X **Cumulus Conference Proceedings** Series, N°7

#### **Cumulus Conference Proceedings Series**

#### Editor-in-Chief

04/18

Cumulus President Mariana Amatullo

#### **Publications in the Series**

01/17 Kolding, REDO 02/17 Bengaluru, Letters to the Future

Paris, To get there: 03/18 designing together

Wuxi, Diffused Transition & Design Opportunities

Rovaniemi, Around the 05/19 Campfire - Resilience and Intelligence

Bogotá, The Design 06/19 After

07/21 Rome, Design Culture(s) Volume #1, Volume #2

# DESIGN CULTURE(S)

Cumulus Conference Proceedings Roma 2021

Volume #2

Cumulus Conference Proceedings Series

Cumulus the Global Association of Art and Design Education and Research

Rome 2021



ROMA 2021

JUNE 08.09.10.11 CUMULUS CONFERENCE

# **OVERVIEW**

		_	
36 49	ABOUT THE CONFERENCE EXHIBITIONS	2095	DESIGN CULTURE (OF) NEW NORMAL track
49	all tracks		
81	DESIGN	<b>2</b> 604	DESIGN CULTURE (OF) PROXIMITY
	CULTURE (OF)  ARTIFICIAL  track		track
		3153	DESIGN
629	DESIGN		CULTURE (OF) RESILIENCE
	CULTURE (OF)  LANGUAGES  track		track
	track	3929	DESIGN
1175	DESIGN		CULTURE (OF) REVOLUTION
	CULTURE (OF) LIFE track		track
	LIACK	4383	DESIGN
1425	DESIGN		CULTURE (OF) THINKING
	CULTURE (OF) MAKING		track
	track	4768	POSTERS
1891	DESIGN CULTURE (OF)	_	all tracks
	MULTIPLICITY		

track

About the conference Loredana Di Lucchio, Lorenzo Imbesi	69	PROXIMITY   Newcomers: Design for Immigrants Pratt Institute's School of Design, USA
EXHIBITIONS	72	RESILIENCE   Designing for Resilience: Creating new possibilities for industrial cities University of Monterrey, Mexico
ARTIFICIAL   City of Experiences George Brown College, Canada		
George Brown Conege, Canada	75	REVOLUTION   UFO Drift: In Search of Practice
LANGUAGES   Post collaboration as a form of counter-culture: The birth of new languages		ArtEZ University of the Arts Arnhem, Netherlands
University of Johannesburg, South Africa	78	THINKING   Design and awareness: user meeting ESDAP Catalunya, Spain
LIFE   Design for social problems in Mexico: living with disabilities Autonomous Metropolitan		
University, Azcapotzalco, Mexico	81	DESIGN
MAKING   New Textile Topologies: Experiments at the intersection of surface, textile		CULTURE (OF) ARTIFICIAL
and form The Swedish School of Textiles, Sweden	83	A participated parametric design experience on humanoid robotics Francesco Burlando, Xavier Ferrari Tumay, Annapaola Vacanti
MULTIPLICITY   Self-Acceptance		
to Self-Indulgence Pearl Academy, India	99	A systemic vision for the common good:  C A S E  Goods Mobility in the fourth industrial revolution
NEW NORMAL   Expedition 2 Degrees Zurich University of the Arts		Veneranda Carrino, Federica Spera

117	Activist Activated: Efficacies of AR Political Poster Design Sarah Edmands Martin	199	Consensual (Design) Fictions: co- creating iterative use cases to define technology conceptualization
130	Art, Design, and Mathematics: Software programming as artifice in the creative process		David Hernández Falagán, Andreu Belsunces Gonçalves, Kevin Koidl
	Carlos de Oliveira Junior, Eduardo Ariel de Souza Teixeira	215	Design of robotic for superhuman tasks Fabrizio Formati
142	Artificial Creativity – Hybridizing the Artificial and the Human. Yael Eylat Van Essen	227	Design, space management and work tools: enhancing human work in transition to Industry 4.0
156	Artificial Intelligence is a Character? Exploring design scenarios to build interface		Luca Casarotto, Pietro Costa, Enrica Cunico
	behaviours Andrea Di Salvo, Andrea Arcoraci	237	Designers' skills for Social Robotics Maximiliano Romero, Giovanni
168	Becoming Janus: The Subversive Potential of Face Recognition Technologies		Borga, Rohan Sashindran Vangal, Francesco Baldassarra
	Romi Mikulinsky	251	Designing for the future by understanding evolving culture
181	Between digital and physical. Envisioning and prototyping smart material systems and artifacts from data-informed scenarios.		based on advancing technology and the changing behaviours that accompany it. Nayna Yadav
	Stefano Parisi, Patrizia Bolzan, Mila Stepanovic, Laura Varisco, Ilaria Mariani	264	Designing Somatic Play for Digital Natives through a Body-centric Design Process Seçil Uğur Yavuz, Kristi Kuusk, Michaela Honauer

279	Designing unpredictable futures. An anthropological perspective on the algorithmical prediction of human behaviour Giovanna Santanera, Roberta Raffaetà	360	From the evaluation of acceptability to design of an assistive robot for elderly Francesca Tosi, Mattia Pistolesi, Claudia Becchimanzi
290	Digital Creativity Tools Framework Marita Canina, Carmen Bruno	376	Future heritage and heritage futures. A design perspective on the activation of Digital cultural heritage stored in archives Margherita Tufarelli
304	Digital tools that support students to reflect on their design competency growth paths John Fass, Job Rutgers	386	Going beyond the problem of privacy: individual and social impacts of the use of personal information in connected services
316	Domestic AI and Emotional Involvement. Design Perspectives Mauro Ceconello, Martina Sciannamé, Davide Spallazzo	400	Human and Artificial Intelligence for the Cultural Reform of Design Elena Laudante, Mario Buono
328	Empowered by Code, to act in real word Alfredo Calosci	412	Human Sensibility, Robotic Craft: Toward Autonomous Stonework Tom Shaked, Karen Lee Bar-Sinai,
339	Exploring Digital Inequalities: How Welfare States are disappearing behind an Al Paola Pierri	423	Interface takes command. Educational environments, tools and practices to face the new
349	From Decoration to Functionality  — Research on smart accessories design in the Internet era Qingman Wu	437	Intelligent Voice Assistants: A Review of User Experience Issues and Design Challenges Lucia Rampino, Sara Colombo

449	Research on Gender Differences of Adult Head Shape in China Renke He, Wenxiu Yang, Wanshan Li, Haining Wang	537	The Perceptual and Dialogical Form of Design between Time, Space and Technologies Camelia Chivăran, Sonia Capece
461	Speculative Physical Models Created Through a Robotic Process Sara Codarin, Karl Daubmann	552	The role of Design in telepresence robotics experience Claudio Germak, Lorenza Abbate
476	Teaching Design in the Age of Platforms: A Framework for Platform Education Xinyi Li	565	The Venice Backup: Case studies on the use of Virtual Preservation Techniques on Architectural Heritage sites in Venice, Italy Kai Reaver
488	The body as an artefact: a case of hand prosthesis Venere Ferraro, Silvia Ferraris, Lucia Rampino	587	Towards a visual-based survey on explainable machine learning Beatrice Gobbo
502	The design of human machine interfaces: from data to risk prevention. Annalisa Di Roma, Alessandra	604	Toys and Play, Weapons and Warfare: Militarizing the Xbox Controller Rachel Berger
	Scarcelli	619	Wearing the smart city: Supporting older adults to
516	The Designer in the AI/Machine Learning Creation Process Frederique Krupa		exercise by combining age- friendly environments and tailored digital public data Nicole Aimers, Alen Keirnan, Ann
526	The encounter between Design and Artificial Intelligence: how do we frame new approaches?		Borda, Sonja Pedell

Marzia Mortati

629	DESIGN CULTURE (OF) LANGUAGES	754	Data visualization as a qualitative driver in knowledge communication: an interpretative framework Giulia Ciliberto
631	A Sidewalk museum. Exhibiting the collective dimension of the moving image Nicolo Giacomo Ceccarelli, Marco Sironi, Sabrina Melis	771	Design and Cultural Sites: New signage methods and languages for fruition, accessibility and storytelling Monica Oddone, Irene Caputo, Marco Bozzola
645	Abstract to figurative, and everything in between: visual design approaches and linguistic codes of a traditional form of animated product.	786	Design and the 'Magical magic'. Disney and history, perceived heritage and shared memory Luisa Chimenz
	Vincenzo Maselli, Eleni Mouri	800	DEsign DEcide The sign Tsvetomira Girginova
659	Al-Kafiye: A Symbol of Change Hala Abdel Malak	811	Designing the Gross. In search for social inclusion
688	Beyondstories. People Narrative makes a Territory Aureliano Capri, Valeria Michetti,		Adrien Rigobello, Nadja Gaudillière-Jami
	Veneranda Carrino, Mauro Palatucci	828	Finding New Representations of Old Knowledge: a design study of visualizing I-Ching
707	Brand in Product. The language of the brand to govern complexity Mario Rullo, Massimiliano Datti		Yvette Shen
	iviano Runo, iviassimiliano Datti	843	Form is function. Ethics and aesthetics of digital technologies
726	Creating Visual Identity as Constellation: Methodological Project for a Design Workshop		in inclusive interface design. Letizia Bollini

Ballacey

Ximena Izquierdo, Magdalena

852	'Graphicmance'. New Visual Languages between Design and Performance Giulia Scalera	938	Performativity as a language of sense-making for cultural service in local museum Shu Hongming, Eleonora Lupo
865	Inner Geographies as poetic- aesthetic knowing: the inspiration and manifestation of creative doings through an emotively- orientated sensory methodology	950	Solid perspectives and optical corrections of spaces in graphic & architectural design Tommaso Empler
	Mizan Rambhoros	962	Spatial construction for ideational
883	Italian Pavillion at XXII Triennale di Milano Ilaria Bollati, Luisa Collina, Laura Daglio, Laura Galluzzo		meaning: An analysis of interior design students' multimodal projects. Andrew Gill, Giovanna Di Monte- Milner
895	Language and identity in new Italian design Stefano Follesa, Peian Yao	976	Tales of Surprise: Exploring Sense Making Processes Through User Narratives Miray Hamarat, Ozge Merzali
906	Metaphors as Knowledge		Celikoglu
	Activators in Data Visualizations: the case of the Archipelago of Calvino's literary works Tommaso Elli, Maria de los Angeles Briones Rojas, Beatrice Gobbo, Margherita Parigini, Virginia Giustetto, Valeria	992	The Design of Politics: Understanding the Arrest of Cesare Battisti Through the New Media Factor Noemi Biasetton
	Cavalloro, Michele Mauri	1007	The Enlightenment of the
925	Patient Autonomy Indicators: a knowledge visualization tool for patient autonomy support Wen Zhang, Yuan Liu, Li Hou		Contemporary Transformation of Chinese Traditional Visual Space Perception on Cultural Sustainability design for all Jixiang Jiang, Dong Tao

1021 The Interplay between Ethics and 1127 Visualizing Offshore Foreign Aesthetics in Intelligent Systems-Direct Investments: The Atlas of Users Interaction Offshore Gabriele Barzilai Michele Mauri, María De Los Angeles Briones Rojas, Jonathan Gray, Daniel Haberly, Chris 1034 The pluralistic aesthetics of Anderson nowadays design Francesca La Rocca 1144 What does this symbol mean? Icons as a Language for 1049 The role of vernacular typography Emergency in the linguistic landscape of Rodrigo Ramirez multicultural Singapore: A multimodal analysis case study of a gentrified street 1159 Where methods meet form Min-Yee Angeline Yam Meret Ernst, Mava Ober 1063 The Threshold of Language: Design and Soma **DESIGN** 1175 Daniela Monasterios-Tan. Susan Sentler, Ginette Chittick CULTURE (OF) LIFE 1082 Towards a new design culture of scientific production - Innovating the formats of scientific 1177 Adopt a costumer - to design new publication of design processes and packagings Eleonora Lupo, Beatrice Gobbo, Maria Benedetta Spadolini. Fmilio Lonardo Chiara Olivastri 1098 Translation Design for medicine 1190 Autonomy as a Design Principle: leaflets. Research and innovation. Service Design for the Technology Elena Caratti. Antonella Penati. Literacy of Older Adults Valeria Bucchetti Houjiang Liu, Miso Kim, Cangun He, Tia Thomson 1115 Visual dialects. Exploring early design sketching in various design 1208 Bio-revolutions: radical change, disciplines design cultures and non-humans John Daniel Öhrling, Åsa Wikberg-Carolina Ramirez-Figueroa, Luis Nilsson Hernan

1222	Cognitive Ergonomics Components for Analysis of User Interface in Healthcare Industry Mariia Zolotova, Angela Giambattista	1301	No more whining – natural smart textile Nuutinen Ana, Pietarine Heidi, Kunnas Susan , Korpinen Risto, Sipola Reeta
1238	Connect art and science for a functional biomimicry in design Andrea Forges Davanzati	1308	Paving the way to post-digital smart materials. Experiments on human perceptions of a bioinspired cellulosebased
1244	Development of a test setup for validating a cognitive assessment platform within ICU's Muriel De Boeck, Philippe Jorens,		responsive interface Stefano Parisi, Markus Holzbach, Valentina Rognoli
	Guido De Bruyne, Kristof Vaes	1325	The flow of emotions in co- creation
1256	Food design as a tool for social development: experimental study in the evaluation of child smell		Mariluz Soto, Caoimhe Isha Beaulé, Satu Anneli Miettinen
	Lígia Afreixo, Francisco Providência, Sílvia Rocha	1337	The Food Futures Teaching Cluster. Food Culture, Visual Communication Design, and
1272	FUTUR.DRESS. The Superskin for the Human Body in nearspace Maria Antonietta Sbordone, Ilaria Giampetraglia, Alessandra De		Collaboration Peter K. Chan, Ben McCorkle, Rick Livingston
	Luca	1351	The river and the revered: Tracing the impermanence of the land,
1286	Hybrid systems of human   technological   biological products: a road to a greater		the people and the embroidered Indrajit De, Saumya Pande
	sustainability? Marco Marseglia, Francesco Cantini, Alessio Tanzini	1364	The Shape of Drugs: a matter of Human-Centred Design Antonella Valeria Penati, Silvia Luisa Pizzocaro, Carlo Emilio Standoli, Valeria Maria Iannilli
			Standon, valena iviana idililili

1377	The Wicked Home: Living Space as Ecological Holobiont Rachel Armstrong, Rolf Hughes, Nel Janssens	1453	Amorphous Stacks: A Low-Tech Construction Method for Jointless Cast Structures Liqiong Huo, Jongwan Kwon
1392	Three Dimensional technologies: Digitising Nature Gregor MacGregor	1468	An Exploratory Study about Communicating 4D Printing between Product Designers and Manufacturing Engineers
1405	Towards Neurodesign. The Mental Effort in packaging design Alessio Paoletti, Lorenzo Imbesi, Angela Giambattista	1482	Faten Ezrin Azhar, Eujin Pei  Biotextiles applied to everyday objetcs
1413	"WIT" as a Sustainable Engine Overcoming Mind Fixation in		Viviana Quiña, José Francisco Alvarez Barreto, Cristina Muñoz Hidalgo
Ideation Alon Weiss		1504	Claudio Alcorso and Post-war Textile Culture Tracey Sernack-Chee Quee
1425	DESIGN CULTURE (OF) MAKING	1521	Collaborative Capabilities: aural encounters in digital/analogue co-creative making George S. Jaramillo, Lynne J. Hocking-Mennie
1427	A designed generation: Maker's maturity and social responsibility Luca D'Elia	1535	Collaborative ontology design for Open Hardware and Open Design Massimo Menichinelli, Emilio
1438	Accumulation of empirical investigation into joint structures in weeden furniture design		Velis, Andre Rocha, Alessandra Schmidt
	in wooden furniture design Yi Shiang Lin, Ming Huang Lin, Jen Kuan Yau	1551	Contemporary Spaces of Apparel Design: Embracing both Digital and Physical Environments Krissi Riewe

		-	
1562	Design Cultures of Making: Fashion thinking as creative process and pedagogy Susan Postlethwaite	1625	I - D (I – Design _ Idiosyncratic Meta Design) Idiosyncratic Proceedings on Reading and Production Meta-Objects in Contemporary Industrial Design
1573	Design culture of playing. The musical instrument industry: an important culture of made in Italy.		Mantikou Angeliki-Sofia, Farangas Athanasios, Zafeiropoulos Theodoros, Psychoulis Alexandros
	Marco Mancini	1640	If we can't make it together, we won't make it alone. The
1588	Digital encounters in the culture of textile making: developing a hybrid craftmanship for textile design by fusing additive methods of surface fabrication with knitting technology		challenge and potential of collective making Lena Håkansson, Stephanie Carleklev, Stephan Hruza, Anna- Karin Arvidsson
	Delia Dumitrescu	1652	Inter-Weaving Culture and Crafts in Design Education
1600	Distributed design and production for distributed care. Investigation on materializing		Puja Anand, Alok Bhasin, Priyanka Khattar
	bottom-up open and indie innovation in the field of healthcare Patrizia Bolzan, Massimo Bianchini, Laura Cipriani, Stefano Maffei	1668	Learning through codesign toolkits. A case study on codesigning the cinema of the future Simone Taffe, Sonja Pedell
1614	Heterotopia of Space: How	1681	Letterpress: A Survey of Print Culture or an Immersive Learning
	capitalism is alienating and controlling societies Sarah Khayat		Experience Alexander Cooper, Rose Gridneff, Andrew Haslam
		ı	

1695

Sharon

Made by (Material) Frustration

Arielle Blonder, Shira Shoval, Eran

1711 Material culture(s). Research 1799 Research on the Application of paths in an evolving material Lacquer Craft in Modern design culture, and the connected Accessories future designer's attitudes Tianxiao Xie Doriana Dal Palù, Beatrice Lerma, Claudia De Giorgi 1811 The Emerging Fashion-Tech Paradigm in the Contemporary 1724 Mind-mapping in design culture: European Landscape Chiara Di Lodovico, Chiara A tool for ideation in graphic Colombi design education? Philip Jones, Marion Morrison 1825 The evolving role of prototypes in 1738 New scenarios for developing design research: a discussion on cooperative platforms for local terms and meanings manufacturing Silvia D. Ferraris, Gabriele Barzilai Alberto Calleo, Giorgio Dall'Osso. Laura Succini, Michele Zannoni 1840 The Making of a Dress: Explicating the Implicit Processes 1752 Playing for change: designing a Adrian Huang board game for the circular economy 1857 The shape of wellbeing: Thomas David Cockeram, Jessica investigating an approach for the Clare Robins, Emmanuel development of a design Tsekleves, Leon Cruickshank requirements framework for design for wellbeing projects 1769 Progetto Glume: from milling Sandra Dittenberger waste to resource for new materials 1873 Weaving sequential changes -Danilo Perozzi, Laura Dominici, designing textiles with multiple Elena Comino embedded stages Riikka Talman 1785 Re-distributed manufacturing in makerspaces. Towards a model of

Louis Rose

sustainable production

1891	DESIGN CULTURE (OF) MULTIPLICITY	1958	Framing diversity: designing hearing aids from a deaf culture perspective Patrizia Marti
1893	Architectural Design Education as an Agent of Change: The Case of the Ultra-Orthodox Branch,	1979	Gazes and Gatekeeping: Reconceptualising the entrance portfolio in the post-colony Diane Steyn
	Jerusalem Elissa Rosenberg	1994	Hybridity as a culture of making Maya Ober, Nicole Schneider
1904	"But I'm a lecturer not a therapist": Educational Coaching – a proposed alternative approach to supporting students	2011	Hyper-Contextual Futures in Mexico City Paolo Cardini, Karla Paniagua
	through their creative education Gary Pritchard	2025	Learning and Differences reciprocally shared and validated: A decade long Participatory
1918	Decoding the birth of transcultural fashion Shipra Kukreja		Design collaboration between KG Elementary School and AD University Raymond Patrick Zachary
1934	Design as a medium for an informal learning. INDICOlearning from the interface to the activity		Camozzi, Helene Day Fraser, Caylee Raber
	Marina Puyuelo, Mónica Val, Hugo Barros da Rochas	2040	On (un)becoming in Design Academia: A Coloured female's autoethnography
1946	De-stereotype UX Design – Discussing and managing issues		Cheri Hugo
	related to the clustering of users in the design of innovative solutions Margherita Pillan, Alessandra	2058	The Ethics of Knowing a Shared Language and Intention in Design Lisa Elzey Mercer, Terresa Moses

Mazzola

2066 The Neighbourhood Home. System of environments for plural inclusion

> Ilaria Longo, Sonia Massari. Alessandro Spalletta

2081 Universal Visual Languages in a Male-oriented Society

> Valeria Bucchetti, Francesca Casnati

#### DESIGN 2095 **CULTURE (OF) NEW NORMAL**

2097 A Comparative Study of Online Teaching Modes of Sino-Italian School of Design: A Politecnico di Milano, Tsinghua University, and Tongji University perspective Fan Chen, Lin Li

2107 A COVID-19 Horizon Scan Looking for Post-Pandemic Implications for Design

> Marcus Foth, Glenda Amayo Caldwell. Joel Fredericks

2126 A new way of perceiving the locality: economic growth, social inclusion, environmental protection

Fabio Mongelli

2141 A Sustainable Jewellery Design Practice for Psychological Health after Covid-19

Huivi Qu

2153 Autopoietic design; seven components for a sustainable future design model

Gonzalo Raineri Bernain

2165 Community-led design capabilities during the COVID-19 pandemic and beyond

> Mariana Fonseca Braga, Eduardo Romeiro Filho, Haddon G. Guimarães Pereira, Emmanuel Tsekleves, Rosângela Míriam L. O. Mendonca

2182 Cross-Team Brainstorming and a Comparison of Online to Physical Version

Heng-Yi Mie, Hsi-Jen Chen

2198 Design Education in a Pandemic Context

Harald Skulberg

Giambattista

2210 Design for Sustainable Healthcare. Cutting the impact of medical products through disposable packaging Gabriele Maria Cito, Angela

2227	Designing new learning experiences in pandemic time: how digital can support a new didactic in Service Design Andrea Taverna	2302	Identifying Factors for Designing a Successful Telemedical Training System for Remote Pediatric Physical Exams Elham Morshedzadeh, Ph.D., Andre Muelenaer, MD, Jr, MD,
2239	Ecosystem Framework for Community Life Circles based on Life Projects in the Post-COVID-19		MS,, Michelle Morris, Dana Werlich, Margaret Nelson, MD.
	Era Tao Chen, Yong-Ki Lee, Juyoung Chang	2316	Inter-University Design Workshop: plurality in design education Inés Alvarez-Icaza Longoria, Diego
2253	Expansive Video Capture – Up close, personal & specific tutoring "performances" Brendon Clark		Alatorre Guzmán, Reneé Harari Masri, Lucero Donaji De la Huerta Santaella, Ana Elena Hernández Palomino
2265	Gamified e-Learning approached through Emotional Design in the Post-Covid-19 era Na Wei, Yong-Ki Lee, Juyoung Chang	2332	Kids-centered Pocket Park design. Well-being for children in the urban post-covid context. Benedetta Terenzi, Anna Laura Pisello
2275	Healthcare innovation during the pandemic time: digital technologies to enhance clinic 4.0 Stefania Palmieri, Mario Bisson, Alessandro Ianniello	2347	Nanomedicine and Tourism in the post-pandemic era: smart "mobility & health" through wearable design for lab-on-chips Claudio Gambardella, Pietro Ferraro, Assia D'Alesio
2289	Hospitals' decision-making regarding infrastructural adaptations in response to Covid- 19 Pleuntje Jellema, Margo Annemans, Ann Heylighen	2358	Post-pandemic medicines: towards a new normality Antonella Valeria Penati, Carlo Emilio Standoli, Patrizia Bolzan
	Amemans, Am neyngnen	2372	Reaching Audiences in 2020 Sharon Hooper

2387	(Re)envisioning the contribution of design to the sustainable transition of healthcare systems Amina Pereno	2487	Telemedicine, today more than ever. The ABBRACCI design concept for COVID-19 patient monitoring Alessia Buffagni, Martina Frausin
2404	Reinforcing Networks of Place- Based Care and Resilience Julie Van Oyen, Jacquie Shaw, Laura Kozak, Jean Chisholm	2500	The Challenges and Benefits of online Education and the possible impacts of the entry of IT firms in the education ecosystem Nayna Yadav
2419	Research on rapid mass production of emergency		
	products based on FDM 3d printing Xueyan Wang, Dongmei Peng	2512	The design culture and the challenges of the new normal Nicola Morelli
2433	Semi-immersive Virtual Habitat to Enhance Relaxation in People with Dementia during COVID-19 Emergency	2524	The effects of eye expression on emotion perception Yi-Hsun Liu, Hsi-Jen Chen
	Silvia Maria Gramegna	2537	The value of design in the
2446	Shifting paradigms in Sustainable Fashion Design education: Studying implications & effectiveness of pedagogical		emergency-driven scenarios. Crafting Ecosystems with data Francesco Dell'Aglio, Enza Migliore, Chiara Scarpitti
	methods adopted in a pandemic setting Pragya Sharma	2551	Thinking With Card: Curriculum- Led Making Activities Integrated with Distance Learning Benjamin Hughes
2471	Strengthening city resilience through the re-orientation of a		Denigation Fragmes

Daniela Selloni

social innovation incubation programme in Covid-19 time. The case of 'The School of the Neighbourhoods'

Marta Corubolo, Anna Meroni,

2569 Understanding public health communication design globally during the Covid-19 pandemic: The Good, the Bad and the Uglv Emmanuel Tsekleves, Mariana Fonseca Braga, Alejandro Moreno-Rangel, Linli Zhang, Mafe Salazar, Hannah Field, Hayley Alter

"United in isolation. An online 2594 letterpress festival". A community response to the Covid-19 pandemic

Andrea Vendetti, Elettra Scotucci

#### **DESIGN** 2604 CULTURE (OF) **PROXIMITY**

2606 A Design Experience for Interactive Narrative Based on The User Behavior Yuan Yao, Haipeng Mi

2619 An answer to the complex representation of territory. The fertile ground of mnemotopes and design of communication. Clorinda Sissi Galasso, Giovanni Baule

2630 Attractive Factors in the Experience of an Online Usersupported Learning Platform Min-Yuan Ma. Hsin-Yi Huang, Eric Chen-F Hsieh

2650 City Branding and Fictional Layers: Reading Istanbul through **Filming Locations** Zeynep Arda, Onur Mengi, Deniz Deniz

2667 Co-Design processes for the inclusiveness of Rome's temporary communities Gianni Denaro, Luca D'Elia. Safouan Azouzi

2679 Co-designing the future of a public space and its related services. The case of the Reggio Emilia Ducal Palace and its park Marta Corubolo, Anna Meroni, Daniela Selloni

2694 Collaborative Futures: a pedagogical model for delivering future-focused and citizencentred design education Marianne McAra, Kirsty Ross

2710 Communicating social values to children using design solutions Laura Giraldi, Marta Maini, Francesca Morelli

- 2720 Creating an inclusive learning environment to support transformative learning and encourage upward educational mobility opportunities for economically or academically under-resourced design students Michal Rotberg
- 2736 Cultural Differences as Challenges and Design Drivers in the Development of Smart Assistive Technology for an Ageing Society Danying Yang, Louise Moody
- 2752 Data visualization and knowledge sharing in participatory design to improve people liveability in urban places

Giovanni Borga, Massimiliano Condotta, Chiara Scanagatta

2768 Democratizing design: lessons from a case study in the Alpine area

> Daniele Busciantella Ricci, Ilaria Argenziano, Marta Gandolfi. Michela Ventin

Design for Promoting Pro-2786 environmental Behaviours of the Georgian Domestic Workers in Ankara

Ayşe Kaplan, Lilyana Yazirlıoğlu

2800 Design projects as drivers for organisational change in the public sector

> Felicitas Smittinger Schmittinger. Alessandro Deserti, Francesca Rizzo

- 2813 Design when you are the other 90%, a student's perspective Kyle Graham Brand
- 2826 Design with Social Justice in Mind. The Case Study of Furniture Design in Elementary Schools Caroline Gagnon, Claudie Rousseau. Thomas Coulombe-Morency, Sonia Cadoret, Colin
- 2846 Evolving future city-based retailing via design thinking: A Chinese hybrid model approach Yujia Huang, David Hands, Rachel Cooper, Nick Dunn
- 2862 Feeling Endem. How travel enhances applied-autonomy in spatial design Hans Venhuizen
- 2878 Global Proximity: case studies of international and interdisciplinary collaboration between the USA, Italy, Guyana and Japan Valeria Albani, Paolo Cardini

2887 Heritage and cultural accessibility: the role of design in the creation of an intercultural dialogue

Marco Bozzola, Irene Caputo, Claudia De Giorgi

2903 **Immigrant Cultural Acculturation** - A study of Tibetan Clothing in India

Anahita Suri

2920 Making in Proximity: Design Policies for collaborative making cultures

> Lina Monaco, Luca D'Elia, Viktor Malakuczi

2931 Making practice as narrator of changing social worlds-Textiles and the Scottish Borders, in the 21st century, but based firmly on the past?

Britta Kalkreuter

2942 Multiple narratives for multiple visions: engaging citizens in building future scenarios for their city through participatory design and storytelling.

> Davide Fassi, Annalinda De Rosa, Francesco Vergani

2955 New Technological Space for Tourists. Design as a Trigger of Experience, Osmotic-Membrane Interface, Know-How Provider and Social Engager

Luisa Collina, Ilaria Bollati, Claudia Mastrantoni, Umberto Tolino

2968 Placemeaking through Creative Practice: Enabling Change and **Empowering Future Change**makers

> Cheryl Giraudy, Saskia van Kampen

2984 Proximity as space of opportunity: connecting people, productions and territories Valentina Gianfrate, Elena Formia, Flaviano Celaschi, Elena

2998 Radius 100 model – Working multidisciplinary theories, methodologies and design practice: An approach to social design beyond academia Dr. Yona Weitz, Arch. Sharon Koniak

3014 Rethinking User Experience of Parking Garage, Exploring Innovative Suicide Prevention Strategies Through Motivational Design

> Sébastien Proulx. Adam Fromme. Leila Akberdin, Maria Basile, Olivia Forsyth, Maya Jenkins, Abby Nelson, Claire Spicer

3031	Signs of the Artisan City Eleonora Trivellin, Susanna Cerri	3137	When a designer encounters an artisan: a parameter analysis investigation
3046	Social networks as enablers of design cultures: An analysis of multiplex relationships among members of a creative hub		Carla Paoliello
	Sine Celik, Tua A. Björklund	3153	DESIGN CULTURE (OF)
3059	Subversive Design. Designer Agency Through Acts of Insurgence		RESILIENCE
	Seth Parker	3155	0 Textile. A Design Research applying Circular Economy in
3072	The City of Care Anna Anzani, Elena Elgani, Maria Renata Guarneri, Francesco Scullica		textile field Maria Antonietta Sbordone, Viviana Vollono, Carmela Ilenia Amato, Barbara Pizzicato
3084	The power of designing choices Raffaella Fagnoni	3173	A Research on the Sustainability in Traditional Cave-Dwelling Construction Skills in Northern
3101	The systemic approach and the use of new technologies to		Shanxi Province (Jinbei Area) Runze Liu, Haoming Zhou
	communicate cultural heritage and develop a culture of proximity Marco Faccini, Alessandro Spalletta	3182	A Study of Zero Waste Fashion Design and its Possibilities within a Design for Circularity Process. Debbie Moorhouse, Tracy Cassidy, Parikshit Goswami, Andrew Hewitt
3121	Towards a Design Observatory: crafting a distributed approach	2100	
	Nina Costa, Vasco Branco, Rui Costa, Afonso Borges, Raul Cunca, Ana Catarina Silva, António	3198	Awareness, compatibility and equality as drivers to resilience in sustainable design research

Giuseppe Mincolelli, Gian Andrea

Giacobone, Silvia Imbesi, Michele Marchi, Filippo Petrocchi

Modesto

3212	Circle Sector: exploring the role of designers in a circular economy Ben Hagenaars, Niels Hendriks	3297	Design educators in the 21st century: Applying The Compass methodology to prepare future designers as changemakers in a
3222	Cooperatives enterprise, incubators for the co-design of a new organizational and management model for		culture of resilience Catalina Cortés, Alejandra Amenábar
	sustainable development. Caterina Rosini, Silvia Barbero	3311	Design for Social Impact and Crafts Communities in Turkey Hazal Gumus Ciftci, Stuart Walker
3235	Craft Your Future: Building a circular space through the European digital craft Chele Esteve Sendra, Manuel Martínez Torán, Eileen Blackmore, Hendrik Jan Hoekstra	3324	Design Plugin: Using Design Thinking Approach in Smart Sustainable Cities Education Tarmo Jaakko Karhu, Martijn Gerhard Rietbergen
3249	Creativity as a Driver in Social Innovation Processes Debora Giorgi, Irene Fiesoli	3337	Design projects as drivers for organisational change in the public sector Felicitas Schmittinger, Alessandro
3264	Design culture (of) resilience.		Deserti, Francesca Rizzo
	Space & Service design taxonomy, overcoming undefined space & service design contexts Nansi Van Geetsom, Andrea Wilkinson	3350	Designing community: creating resilience through collaboration Jessica Clare Robins, Emmanuel Tsekleves, Leon Cruickshank
3282	Design education and forest environments – learning from and with living systems Caroline McCaw	3365	Designing resilience. Design dealing with communities Carlo Branzaglia
		3371	Designing Resilience. Mapping Singapore's Sustainable Fashion Movements Harah Chon, Lim Jiayi Natasha,

Elisa Lim

3382	Designing Sustainable Product- Service Systems applied to Distributed Economies in Water- Energy-Food Nexus approach	3476	Food Cycles. Redesigning processes and products Silvia Pericu
	Renke He, Meng Gao, Carlo Vezzoli, Ke Ma	3487	From Objects and Products to Things and Stuff Clare Green
3401	Discovering Design Values in the Chinese Pre-Qin Classics Miaosen Gong	3501	Green infrastructures and satellite images: the case study of Munich
3412	Eco-lab-orating. Insights from an ongoing intervention with design school faculty		Giovanni Borga, Filippo Iodice, Federica D'Acunto
	Rakefet Kenaan	3516	I Don't Want to Feel Outdated.
3424	Educating Designers for the Circular Economy: Innovative Digital Resources, Collaborative Learning and Synergic Actions Lucinda Morrissey, Roberta Barban Franceschi, Ana	3527	The dissonance between product attachment and contemporary relevance Malene Pilgaard Harsaae  Innovation through circular
3436	Margarida Ferreira		economy: Tool development for multidisciplinary approach to product-service-system Design João Sampaio, Ana Afonso
3430	Evolving the conventional curriculum: innovative learning		Joao Sampaio, Ana Atonso
	interventions in a classroom to enhance design students' learning competencies Joselyn Sim, Harah Chon	3544	Lost in transition; Methodologies and tools of Product-Service Systems Design for major life transition Maria Paola Trapani, Nadejda
3448	Fashion Futuring. Rethinking sustainable fashion design	•	Cervinscaia, Nadejda Cervinscaia
	Alessandra Vaccari, Ilaria Vanni	3560	Materials Designers. Boosting Talent towards Circular
3458	FASHIONABLE FAÇADE: textile waste innovations for the built		Economies  Laura Clèries, Valentina Rognoli,  Para Harach Massana

Hilde Heim

3572	Preparedness and infrastructure design for disaster and emergency situations; the key to a resilient community Noemi Bitterman, Medardo	3655	Strengthen Ties of Social Bonding Through Design from and Emotional Perspective Deyanira Bedolla Pereda
	Chiapponi, Alessia Buffagni, Andrea Cotti	3672	Study on the Sustainable Design of the Young Elderly Oriented Smart Wearable Products
3585	Replicating the Unpredictable: Board Games as Prototypes for		Chen Han, Shen Lei
	Wildfire Evacuations Thomas Maiorana	3686	Surviving in the wild: Sustaining design and social innovation initiatives in Asia-Pacific
3597	Revised Function Analysis of Sustainability - understanding the		Cyril Tjahja
	complexity of sustainability Paul Topf Aguiar de Medeiros, Charlotte Sjödell	3699	Sustainable Deliberation; an Empathetic 'Mantra' Amita Deshpande, Ranjana Dani
3616	Role of Social Ecologies within Social Design and Social Innovation Neeta Verma	3715	Teaching and Practicing Service Design and Social Innovation: Experiences with Communities at the Margins in São Paulo, Brazil Rosana Vasques, Mari Suoheimo,
3626	Slow Engagement & Widening the Frame – Emerging Models of Social Innovation and Design		Maria Cecilia Loschiavo dos Santos
	<b>Culture</b> Diana Nicholas	3727	The cot, the pot and other stories Lena Gupta
3641	Smart, Safe and Green System. A Resilient-Based Strategy for Sustainable Buildings and DIY Design	3755	The Materiality of Resilience Emile De Visscher, Lorenzo Guiducci, Iva Rešetar
	Cecilia Cecchini, Miriam Mariani,		

Paolo Mondini

3774 The poetics of waste in contexts of satisfactory use and social action

> Desamparados Pardo Cuenca. Patrik Baldan

3795 The potential of Theory of Change to visually model the underlying logic behind service design projects

> Luca Simeone, David Drabble, Kerstin Junge, Nicola Morelli

3810 The SDGs framework as strategic lever for design education.

Simona Maccagnani, Marco Ricchetti

3823 The Tree and The Room: Co-Designing DIY WiFi Networks with **Emergent Local Metaphors** 

Michael Smyth, Ingi Helgason, Lauren Lapidge, Katalin Hausel

3838 Towards 'regenerative interior design': exploring a student project

Giovanna Di Monte-Milner

3853 Trace: design and responsibility in the Prato textile distict

> Elisabetta Cianfanelli. Renato Stasi, Matilde De Gennaro, Maria Grazia Soreca, Margherita Tufarelli

3863 Walk the talk: Towards an ecological futures framework for our designed cultures

Håkan Edeholt, Jomy Joseph, Nan

3878 Water infrastructure as leverage for resilient cities: a multi-scalar design perspective on urban flooding

Sophie Leemans, Erik Van Daele

3894 Weaving the New Way of Making from the Andes

Rodrigo Muñoz-Valencia

3912 Working with the United Nations Sustainable Development Goals in Design Education

Silie Alberthe Kamille Friis

**DESIGN** 3929 **CULTURE (OF)** REVOLUTION

Alternative narratives data 3931 visualization archive

> María de los Ángeles Briones Rojas, Michele Mauri

3945 Becoming Lost and Found in Translation

Mark Ingham

3963	Critical Thinking in fashion design education - New learning approaches for a systemic change in the fashion industry Carolin Ermer, Julia Schwarzkopf	4071	Experiments on complex systems mapping around materials. Flavia Papile, Romina Santi, Beatrice Gobbo, Tommaso Elli, Barbara Del Curto
3980	Design as a methodological stance in interdisciplinary research Valérie Côté, Caroline Gagnon, Lynda Bélanger, Daphney St- Germain	4088	Exploring visualizations of design processes from a design activist perspective – a scoping study Karina Goransson, Anna-Sara Fagerholm
3996	Design for Fast Track Democracy Jennifer Schubert, Bastian Koch	4105	Fashion-Tech Revolution: Future Frontiers from Products to Processes Alba Cappellieri, Chiara Colombi,
4009	Disrupting governance by Systemic Design and co-creating the public value Carolina Giraldo Nohra, Eliana Ferrulli, Silvia Barbero	4123	From the product to the object. The speculative design practice as instance. Chiara Scarpitti
4025	Disruptive technologies and behavioural change: Design fiction as trigger for critical thinking Mila Stepanovic, Venere Ferraro	4135	From trustful empowerment to overwhelming guilt: pedagogy in current activism practices Alexia Autissier
4043	Does design thinking matter? Empirical study and survey on the effectiveness of design thinking Hannah Park	4147	Guilty Materiality: why we play down material relations Stéphane Treilhou, Clare Green
4057	Education formats to integrate Design with Humanities, Politics, Social Sciences & Education Anna Lottersberger	4160	MANIFESTO! Now: Game Design for Revolutionary Thinking Julian Hanna, Simone Ashby, Sónia Matos, Alexis Faria, Callum Nash

4174 Ph.D. Admission System Based 4275 Targeting Design Intervention Comparative Study in Design across Levels of Complexity Discipline under Chinese Context Tanner Slade, Nicola Morelli Fan Chen, Jing-Yi Yang 4288 The Agency of Discursive Design 4187 Politics by design Exists in the Industrial Elisabetta Cianfanelli, Maria Karma Dabaghi Claudia Coppola, Margherita Tufarelli 4303 The Patient Revolution, New design perspectives in healthcare 4200 Projecting Change: Redefining innovative processes. Preservation in the Era of Sea Carla Sedini, Laura Cipriani, Level Rise Massimo Bianchini, Barbara Liliane Wong Parini, Stefano Maffei 4218 Realising Discourse: A Strategic 4319 The transformation will not be Design Solution to the Problem of televised Addiction Peter Friedrich Stephan, Raz Jason Hobbs Godelnik 4239 Reframing development: A 4333 Time and Design. Time as a key proposal on the role of design parameter for a survey on research in Latin America based contemporary design on situated views of the world Enza Migliore Juan Alfonso de la Rosa 4351 Walking the Line: Creative 4250 Speculative Design for the Public Research as Critical Activity for Sector. Design Fiction as a Tool Design for Better Understanding Public Brooke Chornyak, Tania Allen Services Gianni Sinni 4370 Why we need more somatic culture in design 4263 Speculative Design in Education: Silvia Sfligiotti Mapping the Landscape

Ingi Helgason, Ivica Mitrović, Julian Hanna, James Auger, Enrique Encinas, Michael Smyth

4383	DESIGN CULTURE (OF)	4472	Design History and the Decline of Historical Thinking César Peña
	THINKING	4482	Designers-Thinkers and the Critical Conscience of Design Sanna Simola
4385	Always ordinary, never straightforward: Considering the work of Lorraine Wild David Cabianca	4500	<b>De-signing Ambiguity</b> James Dyer, Christian S. Petersen
4403	Anticipatory Design and Futures Literacies: A Need and a Hope Andrew Morrison, Manuela Celi, Laura Clèries, Palak Dudani	4514	Disruptive Thinking in Design Education Riccardo Balbo, Elda Scaramella, Serena Selva
4420	Authorship and automation in the digital design culture Giuliano Galluccio	4524	Diversified Orientation and Design Value in Safeguarding of Intangible Cultural Heritage Tie Ji, Yinman Guo, Xiaolei Min
4434	Banham's 'Unhouse' as Anti- Interiority: Towards Twenty-First- Century Theories of Design and Domesticity Helen McCormack	4542	Domesticity and digital eugenics: design cultures of Silicon Valley Luis Hernan, Carolina Ramirez- Figueroa
4444	Bodies of Evidence: making in/visible histories in South African Design Education Nike Romano	4551	Exploring Asian Philosophies and Service Culture: the Notion of Dignity Miso Kim
4459	Culture and Relationality. Moving towards 'post-rational' modes of design Tom Ainsworth, Sally Sutherland	4562	Fantasia and analogical thinking: a specific reflection on teaching the essence of the Creative Leap Valentina Auricchio

4573 How to teach design thinking to 4674 The Emergence of Modern Design non-design students: enablers Discourse in the Eastern and barriers to transfer design Mediterranean Region (EMR) Qassim Saad research practices. Gianluca Carella, Michele Melazzini, Xue Pei, Cabirio 4689 The engagement of visitors in Cautela, Marzia Mortati faber's houses and studios. Empirical design research and 4595 Not just Thinkers, Makers experimental actions in Lombardy Raffaella Trocchianesi, Anna Hein Dubery, Kyle Brand Mazzanti, Alessandra Spagnoli, Davide Spallazzo 4605 Radical Interdependence: learning/doing with things Jaron Rowan 4703 Theory under suspicion: criticality and material meaning in practice based research 4615 Rethinking & Appropriating Marta Camps, Jaron Rowan Design Education for a VUCA World Jan Eckert, Sabine Junginger, 4720 Tokyo 2020: globalization and Guillermina Noël self-orientalism in the communication of the next Asian Olympic Games. 4636 Rethinking Design through Claudia Tranti Literature Susan Yelavich 4736 Towards borderless futures: How transcultural approaches changed The chain reaction. How to design 4649 the practice of graphic design a process for transforming Juliana F. Duque museums by rethinking the role of personnel Alessandra Bosco, Silvia 4753 Which way to go? Some Gasparotto complicated crossroads facing design culture in Aspen. Elena Dellapiana, Ramon Rispoli 4664 The concept of Interaction Design under review: literature review

informants

and interviews with qualified

Eduardo Ariel de Souza Teixeira

4768	POSTERS	4774	Creative design process for envisioning the future of emergency medical services in smart cities Vipul Vinzuda, Niall Deloughry,
4769	A visual-analytical approach to phases of transition in people's		Leonard O'Sullivan
	life paths Laura Heym, Jennifer Schubert, Irene Visentini, Sofia Sanchez, Alvise Mattozzi	4775	Design and Neuroscience for the UX. Possible tool for Designers Alessio Paoletti
4770	Aeon, in his original meaning of "life", "vital force" or "being", "generation".  Ana Maria Fessmann, Elene Bakhdatze, Vaishnavi Bala,	4776	Design as a tool for participatory transformation of urban space Jacobo Muñoz Duato, Damià Jordà Bou
4771	Varshini Janakiram, Janina Hietl, Gianfranco Olivotto  Co-creating prosthetics as fashion	4777	Digital visual tool for design project development in a multidisciplinary team Michela Carlomagno
	accessories for assisting people with disability. The case of hearing impairment Andree-Anne Blacutt, Stéphane Roche	4778	Education in social design by means of artistic photography Cecilia Casas-Romero
4772	Collaborative methods: design bridging academia and industry Teresa Franqueira, Pereira Catia	4779	Enabling Collaborative Turns: A Conversation-Based Approach for Design Workgroups Sze-Yunn Seah
4773	Craft in Makerspaces: The Potential for Social Change for Sustainability Alessandra Fasoli	4780	Experimenting new joints for more sustainable and easier to assemble furniture Patrizio Cipollone, Viktor Malakuczi, Felice Ragazzo, Michele Russo

4781	Exploring the potential uses of ocean plastic and public engagement activities for raising awareness	4788	Identities and sustainable futures David Serra Navarro, Carme Ortiz Valeri
	Xingyu Tao	4789	Interaction studies applied to
4782	Feed: design for Eating Disorders prevention in pre-adolescent age. Carlotta Belluzzi Mus		Robotic Surgery Giovanna Giugliano, Sonia Capece, Víctor Fernando Muñoz Martínez
4783	Festival Living Labs: Involving the Festival Community in Sustainable Experimentation. Marije Boonstra, Aranka Dijkstra, Peter Joore	4790	Intervention of Indian Textile Craft in Design Pedagogy for Social innovation and Economic Growth Sakshi Babbar Paul, Saroj Bala
4784	Grey matter - Matière grise. When the 'thé dansant' is no longer an option. Imagining an inclusive and intergenerational urban future, placing seniors as productive actors of the civic life. Jerome Picard, Elida Mosquera,	4791	Italia 3.0. An educational strategy to enhance food as Food Cultural Heritage Monica Bortolussi, Martina Mitrione, Sonia Massari, Alessandro Spalletta
	Benoist Desfonds, Matthieu Boustany, Peeraya Suphasidh	4792	Kairos: How Digital Culture Heritage can improve society and
4785	Guided by Voices from the Fields: A case study on earth, plants and fashion design Piret Puppart, Julia Valle-Noronha		its development through Systemic Design Giovanni Capoccia, Veneranda Carrino
4786	Heirloom a device for the survival of the fittest memories Valeria Volanti	4793	Kinetic calendar for tracking physical and emotional stress in women Mariel Domínguez
4787	Hybrid Town, Stories in Maps: from China to Milan Guido Tattoni, Hagit Pincovici,	4794	Knitted expressions. Movement as material in Textile Design Faseeh Saleem

Germana De Michelis

4795 Love Leftovers - Useful fictions 4802 TellMi Ecosystem: an example of and what if we could put our Design Process applied to didactic memories on sale? methodology. Teodora Ivkov, Luca D'Elia Elisa Chiodo, Michele Aquila 4796 Mass media imaginary as a 4803 Time Well Spent. Facilitating symbol. How image is revealing mindful and meaningful screen the crises of our time through use through a 'Design for cinematic design. Humansic Living' methodology Celia Cuenca García Ace Chia 4797 Neighborhood Cowork (Cowork 4804 Trans/Feminist Critical Making del Barrio): Co-creating agents for Design as Open-Source social change Opposition Sandra Molina, Cynthia Jaramillo, Michelle Christensen, Florian Aleiandro Ramirez Conradi. Marie Dietze 4798 Pen Your Thoughts: A Visual 4805 Visual Exploration Method to Design Language Study on Engage Art History with Practice-Student's Learning Progression based Mindset in Design Jennifer Samonte Aguilar Education Hanny Wijaya

4799

4800

4801

Real-time snow information for tourists - Utilizing AI for tourism -

Recycling, refusing plastic use and choosing biodegradable materials

Marija Griniuk, Maija-Liisa Rautiainen, Jesse Talsi, Päivi Timonen, Michelle van Wyk

Shifting Mindsets, Bridging

Case Snowman

for new products Alexandra Anghelache

Generations Shiu Heng Sin