



TEI2024: ON THE EDGE

11-14.2
2024
CORK, IE

Art & Performance and Demos Floorplan

Opening Event

18:00 Monday 12th February 2024

Cork School of Music

CONFERENCE INFO

11-14 February 2024, Cork, Ireland
18th International Conference on Tangible Embedded and
Embodied Interaction



PARTNERS



SPONSORS





Art & Performance and Demos Opening Schedule

- 18:00 Demos/Art Exhibition Opens in the the Cork School of Music
- Welcome Reception Official TEI'24 opening by
Professor Maggie Cusack (President, Munster Technological University)
and Professor John O'Halloran (President, University College Cork)
- 18:45 Directly following the opening reception in in the Curtis Auditorium on the
ground floor there will be three performances:
- Inclusive Music Ensemble
raveNet (Paul Strohmeier)
Mouja: Experiencing AI through Magnetic Interactions (nicola Privato)
- 21:00 Demos/Art Exhibition Ends



Participating Projects - Art & Performance

Art and Performance Track (Ground Floor - Curtis Auditorium)

ID	Project Title	Artist	
1014	raveNET: A Performance	Paul	Strohmeier
1021	Hand Thought: Craft-oriented hybrid analogue/digital practice and a Digital Craft Ethos	Justin	Marshall
1023	Whispers from Silken Margins: Crafting Subtle Narratives in Silk-Defined Spaces	Ziyuan	Jiang
1028	Visions of destruction	Mar	Canet Sola
1031	Between This and That is It: Embodied Semantic Space at the Edge	Martin	Murer
1038	Unwilling Author: Exploring Anthropomorphic Rebellion of the Diary Writing Machine	Zoe Qi-Jing	Li
1044	The Nalima: A Multistable Membrane Instrument with Integrated Excitation	Chris	Kiefer
1051	Mouja: Experiencing AI through Magnetic Interactions	Nicola	Privato

Art and Performance Track (1st Floor - Atrium, Rooms 146 & 147)

ID	Project Title	Artist	
1019	Shadowplay: An Embodied AI Art Installation	Jesse	Benjamin
1034	Puppetry in Tangible Narratives: Interactive and Collaborative Storytelling in The Non-myth of the Noble Red	Daniel	
1041	Feu Autonome Type 189: Untitled, one dimensional generative, reconstructed, found object	Daniel	Buzzo
1046	Sensitive Wing	Mengke	Lian
1039	Tangible VFX: Exploratory Experiments and Works to Add VFX Effects to Physical Objects	Ryuichi	Ono
1040	イ' (1926) by BioLuminescent Bacteria	Takumi	Saeki
1057	VR SuperGun: Installation Edition	Kieran	Nolan



Participating Projects - Demos

Demos (Ground Floor - Atrium)			
ID	Project Title	Name	
1019	DataChest: a Constructive Data Physicalization Toolkit	Hans	Brombacher
1025	Towards a Minimalist Embodied Sketching Toolkit for Wearable Design for Motor Learning	José Manuel	Vega-Cebrián
7486	Body Transformation: An Experiential Quality of Sensory Feedback Wearables for Altering Body Perception	Laia	Turmo Vidal
7529	SensorBricks: a Collaborative Tangible Sensor Toolkit to Support the Development of Data Literacy	Hans	Brombacher
1049	TableCanvas: Remote Open-Ended Play in Physical-Digital Environments	Florian	Echtler
1054	Electronic Embedded Lace: A Sampler of Functional Interactive Tatting Techniques and Circuits	Amanda	Shayna Ahteck
1010	Data_: Into the Present and Future(s) of Personal Data	Alejandra	Gomez Ortega
1065	Sensing Bodies: Postcolonial Entanglements in Embodied More-than-Human Interactions	Sylvia	Janicki
3038	Exploring Superpower Design Through Wi-Fi Twinge, an Unfortunate Superpower	Siyi	Liu
3048	PneuMa: Designing pneumatic bodily extensions for supporting embodiment in everyday life	Aryan	Saini
3303	Embedding Thinking Strategies within a Tangible Tree to Orchestrate Small Group Brainstorming	Amy	Melniczuk
5944	Fabrobotics: Fusing 3D Printing with Mobile Robots to Advance Fabrication, Robotics, and Interaction	Ramarko	Bhattacharya
6127	DanceBits 'It tells you to see us': Supporting Dance Practices with an Educational Computing Kit	Kathleen	McDermott
6333	E-textile sleeve for arm gesture classification of mid-air interactions	Rebecca	Stewart
7472	Mimosa: Modular Self-folding Hinges Kit for Creating Shape-changing Objects	Qiang	LIU
1092	HACKLES: Simulating and Visually Representing the Anxiety of Walking Alone	Sydney	Pratte
1041	SuspenderMender - Designing for a Shared-Management of Anxiety in Higher Education Context Through a Pair of Wearables Simulating Physical Touch	Minna	Pakanen



Participating Projects - Demos

Demos (First Floor - Atrium)

ID	Project Title	Name	
4842	Data Probes: Reflecting on Connected Devices with Technology-Mediated Probes	Nick	Taylor
7954	The Router of All Evil - Struggles to Assert a Network of One,Äôs Own	David	Chatting
1015	RaveNET: Connecting People and Exploring Liminal Space through Wearable Networks in Music Performance	Paul	Strohmeier
1339	Base and Stitch: Re-Evaluating E-Textile Evaluation from a Material-Centric View	Paul	Strohmeier
7599	Act2Auth - A Novel Authentication Concept based on Embedded Tangible Interaction at Desks	Sarah	Delgado Rodriguez
7878	Variations on a Hexagon: Iterative Design of Interactive Cyberphysical Tokens and Constraints	Brygg	Ullmer

Demos (Second Floor - Doolin Room 217)

ID	Project Title	Name	
1042	Mold Printer: Creating Living Self-revealing Artworks	Valentin	Postl
1070	pneuCNTRL: a Pneumatic Control System for User Studies on Dynamic, Haptic Inflatables	Hannes	Waldschütz
1081	Inflatable Textures: Creating Dynamic Haptic Surfaces with Inflatables	Hannes	Waldschütz
1059	Shape2Vibe: A tangible tool for vibrotactile co-design with people with deafblindness	Dr. Gijs	Huisman
9617	Innermost Echoes: Integrating Real-Time Physiology into Live Music Performances	Danny	Hynds
1033	Using the Metaphor of Plant Motion for Information Communication in Shape-changing Interface	Jiawen	Yao
1040	Augmenting Embodied Learning in Welding Training: The Co-Design of an XR- and tinyML-Enabled Welding System for Creative Arts and Manufacturing Training	Tate	Johnson



Participating Projects - Demos

Demos (Second Floor - Room 212)			
ID	Project Title	Name	
1060	Tactile Narratives: Augmenting Body Maps through Textured Fabric in Soma Design	Karen	Cochrane
4606	Pic2Tac: Creating Accessible Tactile Images using Semantic Information from Photographs	Karolina	Pakenaite
1019	Tangible Explorations of Sonolithography	Oliver	Child
1023	Hybrid Crochet: Exploring Integrating Digitally-Fabricated and Electronic Materials with Crochet	Kaja Seraphina Elisa	Hano
1028	Bio-Digital Calendar: Attuning to Nonhuman Temporalities for Multispecies Understanding	Fiona	Bell
1030	Now that's what I call a robot(ics education kit)!	Raquel	Robinson
2600	TipTrack: Precise, low-latency, robust optical pen tracking on arbitrary surfaces using an IR-emitting pen tip	Raphael	Wimmer
8513	ChoreoDrops: Manipulation of Water Droplets Using Conductive Line Patterns Sparsely Printed on Paper	Yoshimori	Yoshikawa



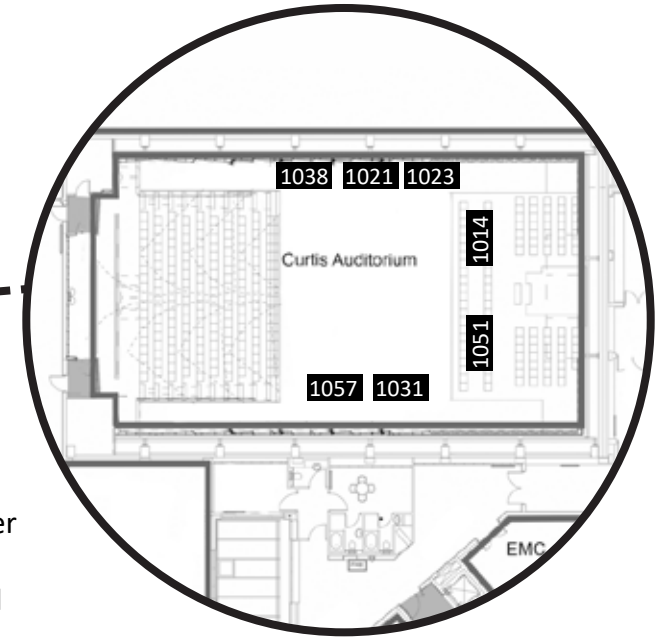
Ground Floor

- Arts & Performance Track
- Demos (pictorials, papers, work in progress)



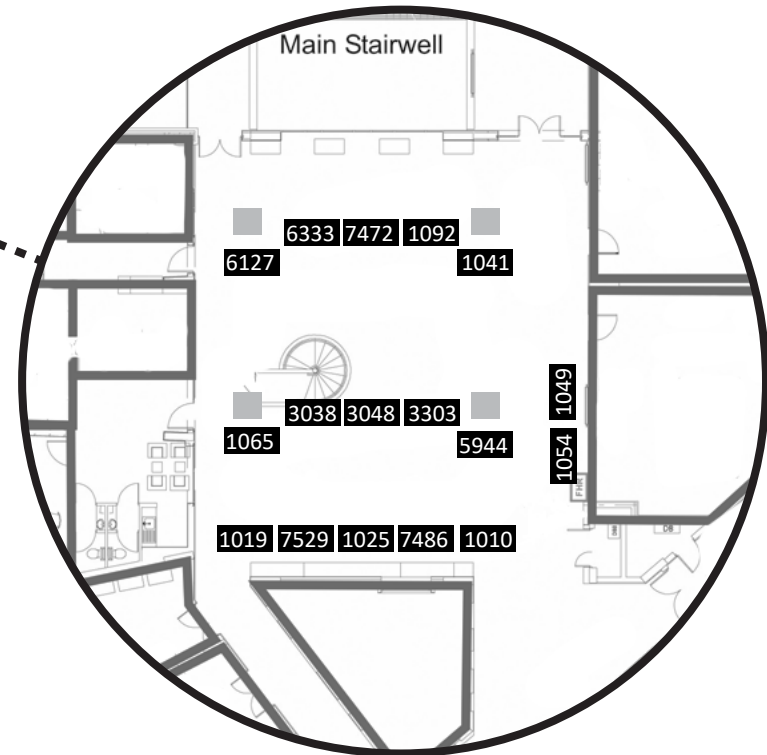
Art & Performance

- 1057 Kieran Nolan
- 1031 Martin Murer
- 1051 Nicola Privato
- 1014 Paul Strohmeier
- 1023 Ziyuan Jiang
- 1021 Justin Marshall
- 1038 Zoe Qi-Jing Li



Demos

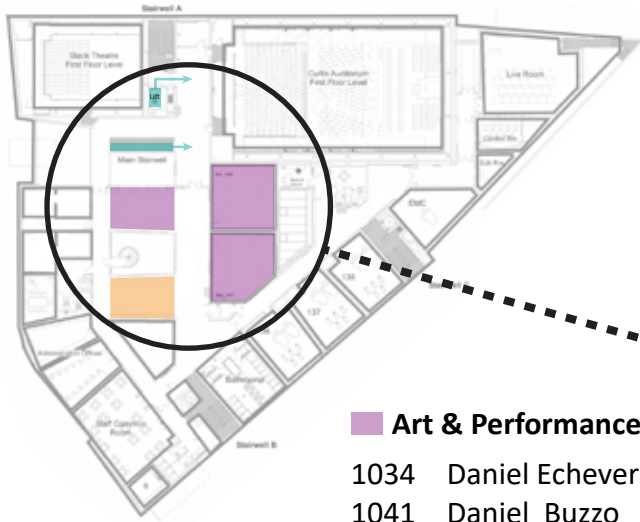
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| 1019 Hans Brombacher | 3303 Amy Melniczuk |
| 1025 José Manuel Vega-Cebrián | 5944 Ramarko Bhattacharya |
| 7486 Laia Turmo Vidal | 6127 Kathleen McDermott |
| 7529 Hans Brombacher | 6333 Rebecca Stewart |
| 1049 Florian Echtele | 7472 Qiang LIU |
| 1054 Amanda Shayna Ahteck | 1092 Sydney Pratte |
| 1010 Alejandra Gomez Ortega | 1041 Minna Pakanen |
| 1065 Sylvia Janicki | |
| 3038 Siyi Liu | |
| 3048 Aryan Saini | |





First Floor

- Arts & Performance Track
- Demos (pictorials, papers, work in progress)

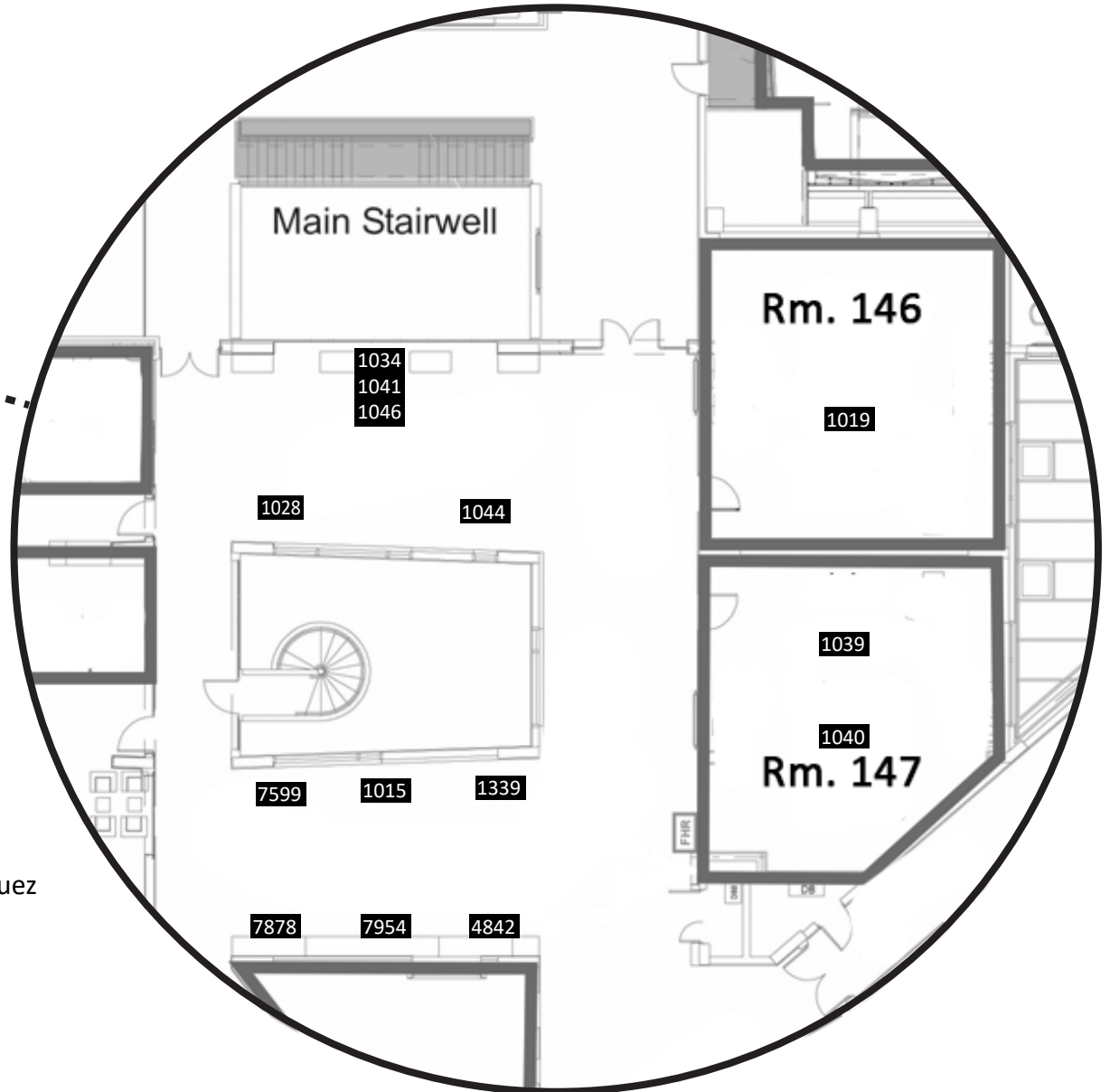


Art & Performance Track

- 1034 Daniel Echeverri
- 1041 Daniel Buzzo
- 1046 Mengke Lian
- 1028 Mar Canet Sola
- 1044 Chris Kiefer
- 1019 Jesse Benjamin
- 1039 Ryuichi Ono
- 1040 Takumi Saeki

Demos

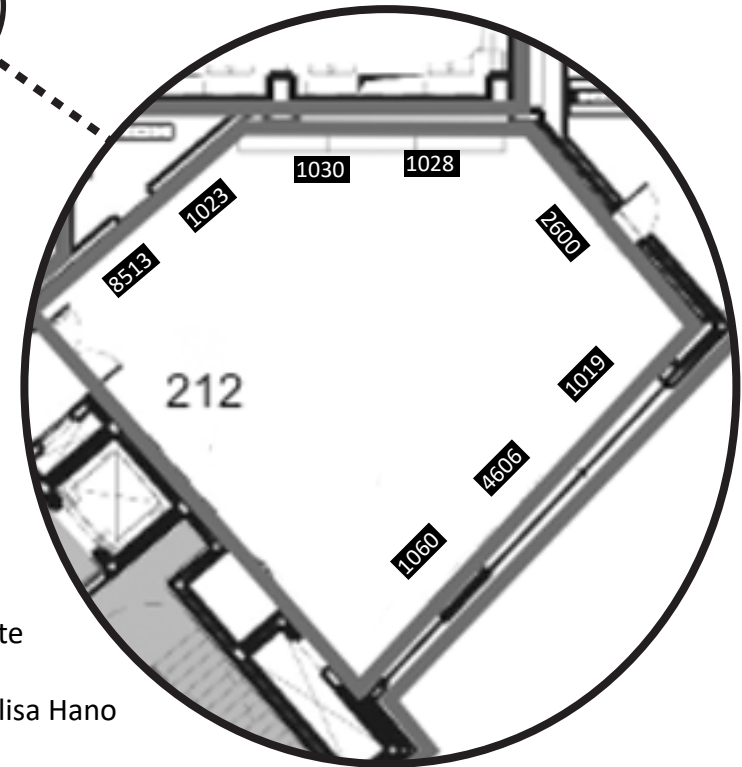
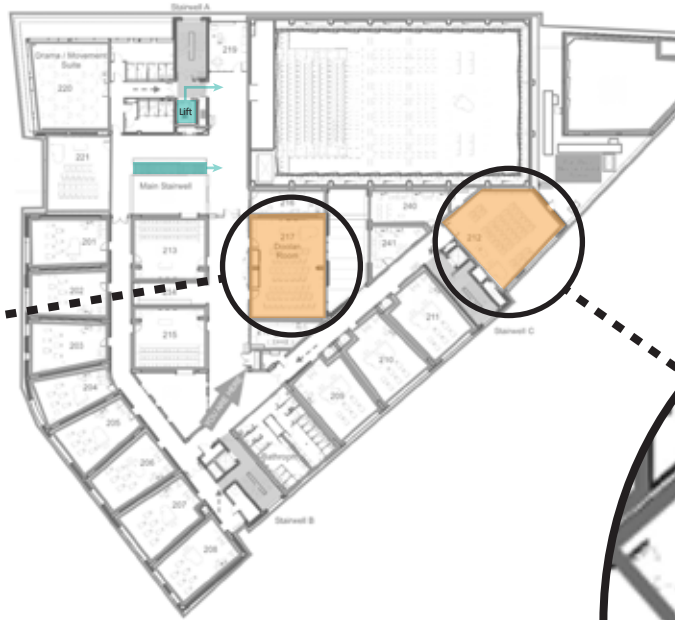
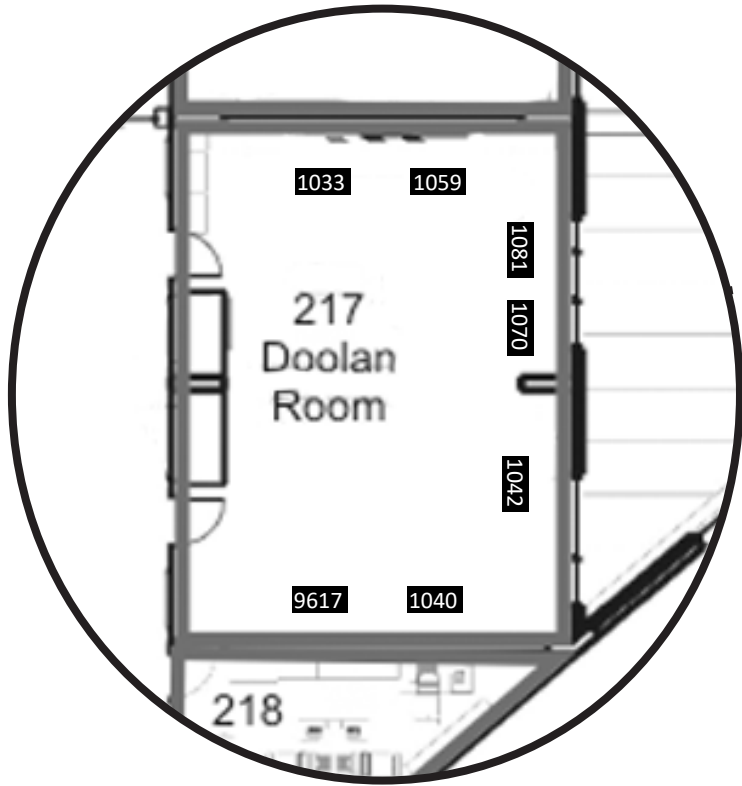
- 7599 Sarah Delgado Rodriguez
- 1015 Paul Strohmeier
- 1339 Paul Strohmeier
- 4842 Nick Taylor
- 7954 David Chatting
- 7878 Brygg Ullmer





Second Floor

Demos (pictorials, papers, work in progress)



Rm 217

- 1033 Jiawen Yao
- 1059 Dr. Gijs Huisman
- 1081 Hannes Waldschütz
- 1070 Hannes Waldschütz
- 1040 Tate Johnson
- 1042 Valentin Postl
- 9617 Danny Hynds

Rm 212

- 1060 Karen Cochrane
- 4606 Karolina Pakenaite
- 1019 Oliver Child
- 1023 Kaja Seraphina Elisa Hano
- 1028 Fiona Bell
- 1030 Raquel Robinson
- 2600 Wimmer, Raphael
- 1017 Yoshimori Yoshikawa