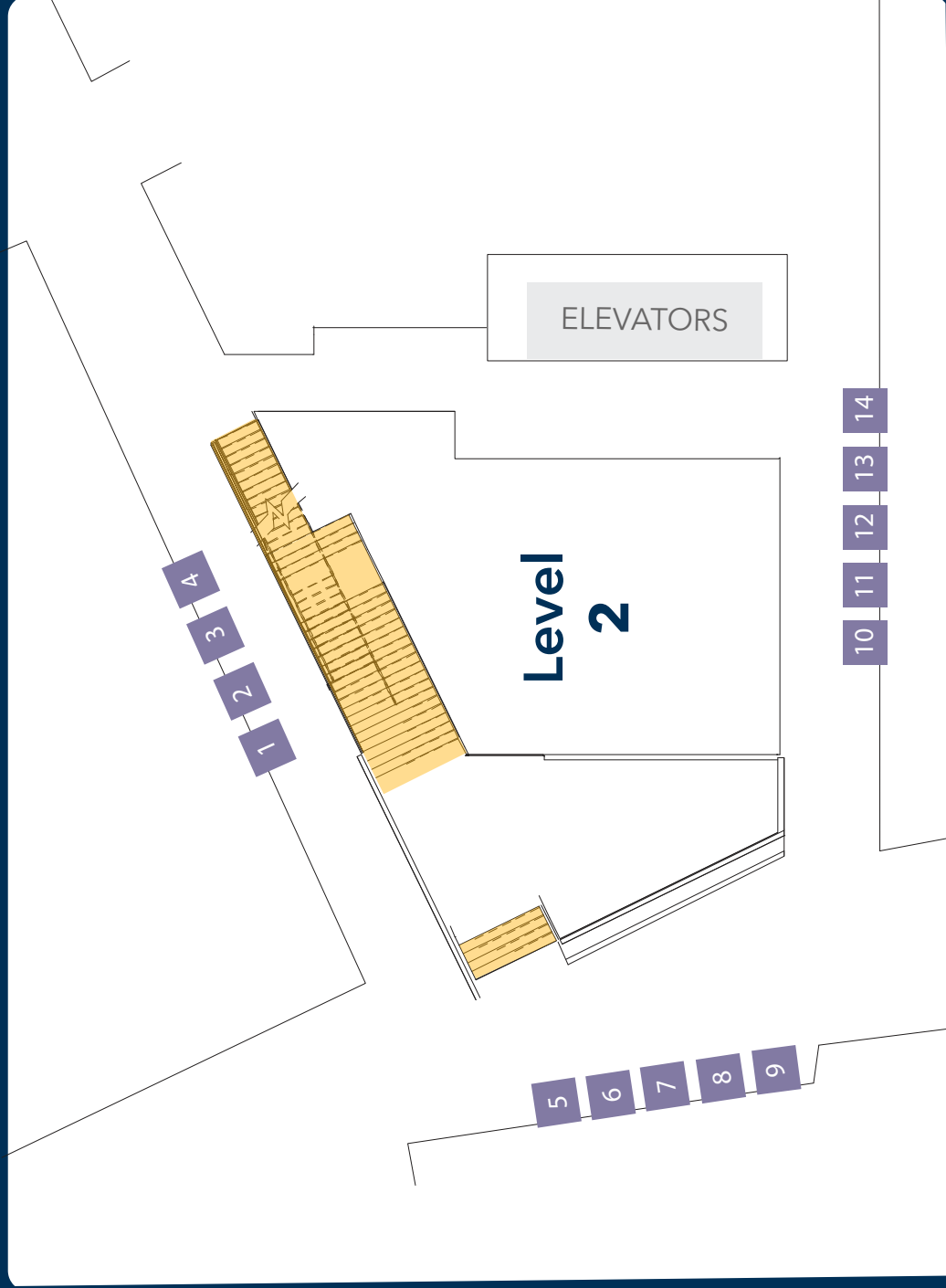




POSTER MAP - DAY 1

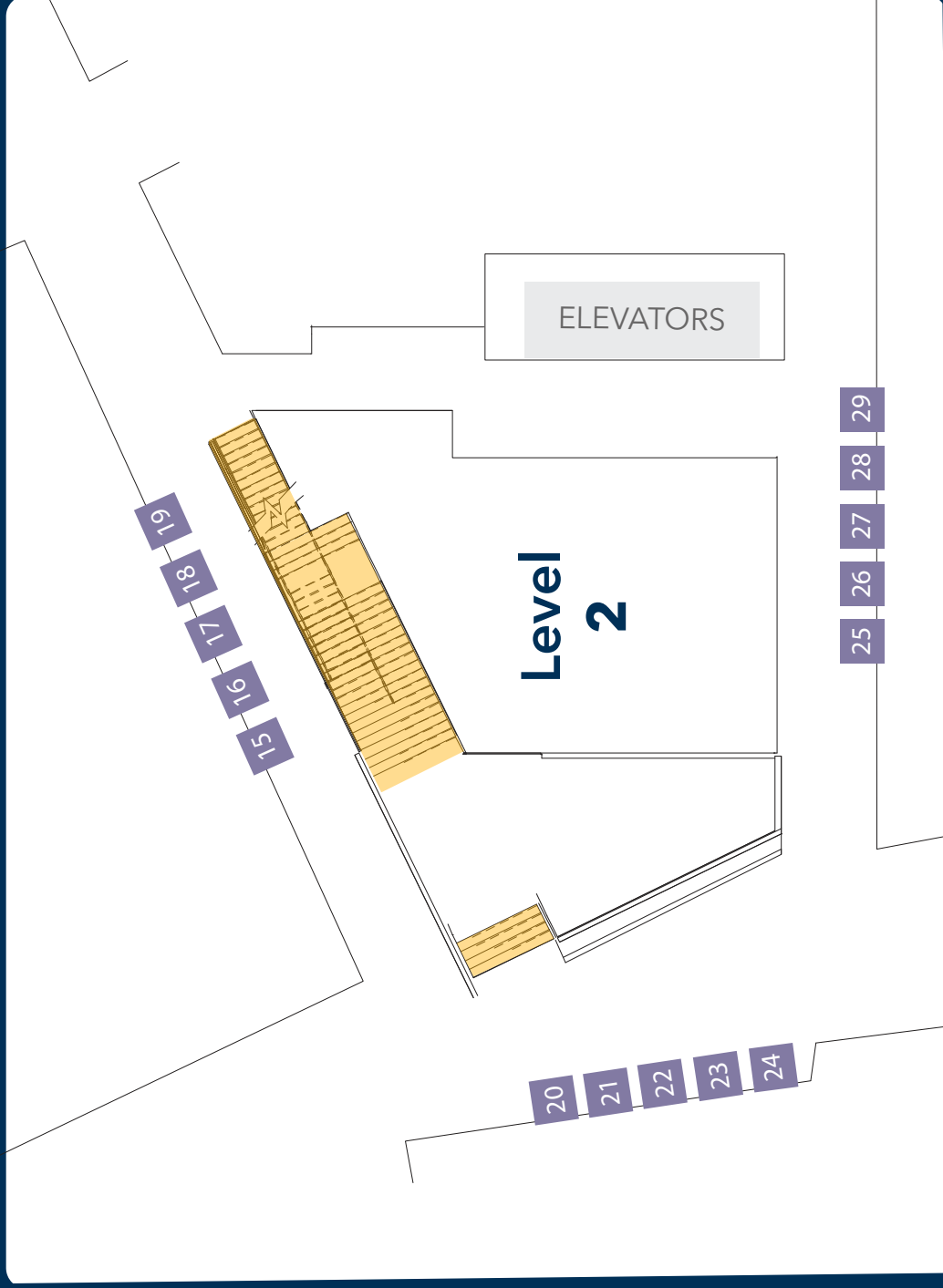
Lake Conference





POSTER MAP - DAY 3

Lake Conference



Poster Session 1 - Day 1

1	Dendritic geometry accounts for balanced computational needs and metabolic demand	Anamika Agrawal
2	Consistent morphogenesis through clonal division of labor in gastruloids	Vinay Ayyappan
3	Lipid droplet dynamics fuel stem cell metabolic plasticity	Silvia Barbiero
4	Methods for Programmable Control of Cell Identity and Interactions	George Chao
5	Cyclically Multiplexed Expansion Microscopy Enables Super-Resolution Nanoscale Mapping of Whole-Cell Architecture	Seweryn Gałecki
6	High-throughput microfluidic force spectroscopy	Alexander Dunn
7	Understanding developmental variabilities by lineage-resolved single cell model	Weixiang Fang
8	Embodied inputs and self-organization in human neural networks	Jennifer Giordano
9	Analyzing Exotic Density Distributions in Single-Cell Data	Timothy Hamilton
10	Spatial modelling unravels dynamics of stem cell regulation in squamous tissues	Joel Hochstetter
11	Synthetic multicellular circuits for robust control of tissue size	Dhiraj Indana
12	Establishing a robust analysis workflow for studying hiPSC shapes in 3D lumenoids	Alex Khang
13	Minimal, Generalizable, and Interpretable Feature Representations for 3D Morphological Analysis	Yajushi Khurana
14	Unmixing the Salt-and-Pepper: Exploring the Role of Cellular Heterogeneity in Early Developmental Cell Fate Decisions	Ece Naz Kivanc

Poster Session 2 - Day 3

15	Scalable Expansion Microscopy for Dense, Proteome-Resolved Light-Based Connectomics	Ons M'Saad
16	Positional information in dynamic tissues	Alex Plum
17	Basement membrane mechanics drives patterned response to developmental signalling	Ana Raffaelli
18	Image-Based Analysis of Cell Fate Specification in Embryonic Development	Chiara Rebagliati
19	How ECM mechanics drives tumor cell cluster coattraction	Mariya Savinov
20	Stem cell spatial organization and fate patterning in homeostasis and regeneration of the fly gut	Zuben Scott
21	Mapping vertebrate immune system dynamics	Deepika Sundarraman
22	Illuminating Cell- and Tissue-Level Error Correction Strategies in Self-Organization Through Spatial Profiling of Gene Expression	Catherine Triandafillou
23	Bending the rules: cell intercalation patterns in curved epithelial tubes	Claudia Vásquez
24	Algorithmic construction of topologically complex biomineral lattices via cellular syncytia	Pranav Vyas
25	Agentic Inference of Morphological Cell States Across Biological Scale	Xuekun Wu
26	In vivo morphological trajectory analysis reveals that tissue geometry biases stem cell differentiation in the in vivo mouse skin	Shicong Xie
27	Capturing the spatiotemporal transcription pattern of β -actin in the regenerating mouse skin by imaging live mice	Han Yang
28	Structure, reorganization, and robustness of large multinucleated cells	Hannah Yevick
29	Building Embryo Developmental Trajectories in Cell Shape Space	Tianyi Zhu