

## Future 3D Additive Manufacturing | The 3DMM20 Conference 2024

<b>7.4.</b>	<b>Sunday</b>	
4:00 PM		Check-In
6:00 PM	8:00 PM	Dinner at Individual Time
8:00 PM		Informal Get-Together

<b>8.4.</b>	<b>Monday</b>	
		Breakfast
9:00 AM	9:05 AM	Opening & Welcome
9:05 AM	9:45 AM	Jennifer Young: Extracellular Matrix Mechanobiology
9:45 AM	10:25 AM	Ayelet Lesman: Fibrous Matrix Mechanics: Orchestrating Cellular Interactions
10:25 AM	10:40 AM	Coffee Break
10:40 AM	10:55 AM	Contributed Talk
10:55 AM	11:10 AM	Contributed Talk
11:10 AM	11:25 AM	Industry Talk: Nanoscribe
11:25 AM	12:05 PM	Andrew Holle: 3D Granular Systems for Imposing Confinement on Cell Populations
12:05 PM	12:45 PM	Viola Vogel: The Mechanobiology of Extracellular Matrix: Thinking Beyond the Young's Modulus
12:45 PM	2:00 PM	Lunch
2:00 PM	2:40 PM	Hagan Bayley: Communication in Synthetic Tissues
2:40 PM	3:00 PM	Coffee Break
3:00 PM	3:40 PM	Pavel Levkin
3:40 PM	4:20 PM	Christopher Chen: Engineering Materials to Build Tissue Structure and Function
4:20 PM	4:35 PM	Coffee Break
4:35 PM	5:10 PM	<b>Flashtalks</b>
5:10 PM	7:00 PM	<b>Poster Session I &amp; Drinks</b>
7:00 PM		Dinner

<b>9.4.</b>	<b>Tuesday</b>	
		Breakfast
9:00 AM		Welcome
9:00 AM	9:40 AM	Danijela Vignjevic: Mechanical Forces in Shaping Intestinal Epithelium
9:40 AM	10:20 AM	Edouard Hannezo: Mechano-Chemical Bistability of Intestinal Organoids
10:20 AM	10:35 AM	Coffee Break
10:35 AM	11:15 AM	Michael Boutros
11:15 AM	11:30 AM	Contributed Talk
11:30 AM	11:45 AM	Contributed Talk
11:45 AM	12:00 PM	Industry Talk: tbc
12:00 PM	12:10 PM	<b>Group Picture</b>
12:10 PM	2:00 PM	Lunch
2:00 PM	2:40 PM	Jacopo di Russo: Mesoscale Epithelial Mechanobiology and Cellular Interfaces
2:40 PM	3:20 PM	Daniela Duarte Campos: Bioinspired Strategies and Robotics to Build Tissue with Cell Aggregates
3:20 PM	3:35 PM	Coffee Break
3:35 PM	4:15 PM	Jason Burdick: 3D Biomaterials Processing to Guide Cell Migration and Organization

4:15 PM	4:55 PM	Laura De Laporte: Injectable synthetic molecular and colloidal building blocks to overcome challenges in tissue engineering
4:55 PM	5:05 PM	Coffee Break
5:05 PM	5:23 PM	<b>Flashtalks</b>
5:23 PM	7:15 PM	<b>Poster Session II &amp; Drinks</b>
7:15 PM		Dinner

<b>10.4.</b>	<b>Wednesday</b>	
		Breakfast
9:00 AM		Welcome
9:00 AM	9:40 AM	Roberto Mayor: Mechanics of Cell Migration <i>In Vivo</i>
9:40 AM	10:20 AM	Matthias Merkel: Self-Organization of Anisotropic Multi-Cellular Systems
10:20 AM	10:35 AM	Coffee Break
10:35 AM	11:15 AM	Andreas Bausch: Activity Matters in Organoid Systems
11:15 AM	11:55 AM	Aurelien Roux: Topological Defects in the Nematic Order of Tissue Control Morphogenesis
12:00 PM	1:30 PM	Lunch
1:45 PM	2:00 PM	Meet for Social Program
2:00 PM	6:00 PM	Social Program
7:00 PM		<b>Conference Dinner &amp; Poster Award</b>

<b>11.4.</b>	<b>Thursday</b>	
		Check-Out
		Breakfast
9:00 AM		Welcome
9:00 AM	9:40 AM	Aleksandr Ovsianikov
9:40 AM	10:20 AM	Ada Cavalcanti-Adam: Material-Based Approaches to Control Cancer Cell Spheroids Dynamics and Invasion
10:20 AM	10:35 AM	Coffee Break
10:35 AM	10:50 AM	Contributed Talk
10:50 AM	11:05 AM	Contributed Talk
11:05 AM	11:20 AM	Contributed Talk
11:20 AM	11:35 AM	Contributed Talk
11:35 AM	12:15 PM	Motomu Tanaka
12:15 PM	12:55 PM	Peer Fischer
12:55 PM	1:00 PM	Farewell
1:00 PM	1:30 PM	Lunch
		<b>Departure</b>