

DAY 2 - TUESDAY, 4th JULY 2023

8:30-9:00	9:00-10:00	10:00-10:45	10:45-12:45		12:45-14:00	14:00-15:00	15:00-16:00		16:00-16:30	16:30-18:00		18:00-18:30
	Invited Speaker (San Salvatore)	Coffee Break (Chiostro DAD)	SGP GD SMI	Room 0B Room 1A Room 1B	Lunch (Chiostro DAD)	Invited Speaker (Rooms 1A+1B) GD SMI	SGP GD SMI	Room 0B Room 1A Room 1B	Coffee Break (Chiostro DAD)	SGP GD SMI	Room 0B Room 1A Room 1B	

DETAILED PROGRAM			
	ROOM 0B (ground floor)	ROOM 1A (first floor)	ROOM 1B (first floor)
9:00-10:00	<b>Alexander Bobenko</b> , <i>Structure preserving discretizations: Towards generalizations of conformal maps and circle patterns</i> (Session chair: Pooran Memari) (Room: San Salvatore)		
10:00-10:45	Coffee Break and Poster Session (Chiostro DAD)		
10:45-12:45	<b>SGP: SURFACE RECONSTRUCTION</b> (Session chair: Andreas Baerentzen) - Daniel Zint, Pierre Alliez, Mael Rouxel-Labbe, Nissim Maruani, <i>Feature-Preserving Offset Mesh Generation from Topology-Adapted Octrees</i> - Maximilian Kohlbrenner, Sing Chun Lee, Misha Kazhdan, Marc Alexa, <i>Poisson Manifold Reconstruction - Beyond Co-dimension One</i> - Dmitry Petrov, Matheus Gadelha, Radomir Mech, <b>Evangelos Kalogerakis</b> , <i>ANISE: Assembly-based Neural Implicit Surface reconstruction (TVCG)</i> <b>SGP Test-Of-Time Award</b>	<b>GD: ALGEBRAIC SPLINE GEOMETRY</b> (Session chair: Cesare Bracco) - Andrea Bressan, <i>A construction of locally-linearly-independent LR-spline satisfying an anisotropic constraint on the space resolution</i> - Angelos Mantzaflaris, <i>Spline spaces, sparse nullspace basis and locally supported bases</i> - Domingo Barrera, Salah Eddargani, María José Ibáñez, <b>Sara Remogna</b> , <i>Low-degree univariate spline quasi-interpolants in Bernstein-Bézier form</i> - <b>Cesare Bracco</b> , <i>Algebraic insights into spline spaces constructions</i>	<b>SMI: GEOMETRY PROCESSING</b> (Session chair: Daniela Giorgi) - Guillaume Gisbert, Raphaëlle Chaine, David Coeurjolly, <i>Inpainting Holes In Folded Fabric Meshes</i> - Lidija Comic, <b>Paola Magillo</b> , <i>Crossing-Free Paths in the Square Grid</i> - <b>Erkan Gunginar</b> , Marco Livesu, Marco Attene, <i>Exploration of 3D Motorcycle Complexes from Hexahedral Meshes</i> - Rafael Kuffner dos Anjos, Richard Andrew Roberts, Benjamin Allen, <b>Joaquim Jorge</b> , Ken Anjyo, <i>Saliency Detection for Large-Scale Mesh Decimation</i>
12:45-14:00	Lunch (Chiostro DAD)		
14:00-15:00	<b>Angela Dai</b> , <i>Learned Parametric 3D Shape Models</i> (Session chair: Georges-Pierre Bonneau) (Rooms: 1A+1B)		
15:00-16:00	<b>SGP: DEFORMATION</b> (Session chair: Niloy Mitra) - Ugo Finnen Dahl, Matthias Schwartz, Marc Alexa, <i>ARAP Revisited: Discretizing the Elastic Energy using Intrinsic Voronoi Cells (CGF)</i> - Qingjun Chang, Chongyang Deng, Kai Hormann, <i>Maximum Likelihood Coordinates</i>	<b>GD: APPLIED GEOMETRY, RATIONAL MOTIONS, AND PYTHAGOREAN-HODOGRAPH CURVES</b> (Session chair: Hans-Peter Schröcker) - Johannes Siegele, <i>Synthesis of Mechanisms performing a prescribed Rational Motion</i> - Georg Nawratil, <i>On rigid-foldable structures of the T- and V-hedral type</i>	<b>SMI: SCENE UNDERSTANDING</b> (Session chair: Amir Vaxman) - Jiahao Cui, Shuai Li, Fei Hou, Aimin Hao, Hong Qin, <i>Analyzing Part Functionality via Multi-modal Latent Space Embedding and Interweaving</i> - Olivier Pradelle, Raphaëlle Chaine, David Wendland, Julie Digne, <i>Lightweight integration of 3D features to improve 2D image segmentation</i>
16:00-16:30	Coffee Break and Poster Session (Chiostro DAD)		
16:30-18:00	<b>SGP: POINT CLOUDS AND SCENES</b> (Session chair: Oded Stein) - Marios Loizou, Siddhant Garg, Dmitrii Petrov, Melinos Averkiou, Evangelos Kalogerakis, <i>Cross-Shape Attention for Part Segmentation of 3D Point Clouds</i> - Jacques-Olivier Lachaud, David Coeurjolly, Céline Labart, Pascal Romon, Boris Thibert, <i>Lightweight Curvature Estimations on Point Clouds with Randomized Corrected Curvature Measures</i> - Yu-Shiang Wong, Niloy Mitra, <i>Factored Neural Representation for Scene Understanding</i>	<b>GD: APPLIED GEOMETRY, RATIONAL MOTIONS, AND PYTHAGOREAN-HODOGRAPH CURVES + CONTRIBUTED TALK</b> (Session chair: Alessandra Sestini) - Marijeta Knez, Rida T. Farouki, Vito Vitrih, Emil Žagar, <i>On the construction of polynomial minimal surfaces with Pythagorean normals</i> - Francesca Pelosi, Rida T. Farouki, Maria Lucia Sampoli, <i>Construction of planar quintic Pythagorean-Hodograph curves by control-polygon constraints</i> - Hans-Peter Schröcker, Zbyněk Šír, <i>Three ways to compute rational curves with rational arc length</i>	<b>SMI: MESHLESS AND IMPLICIT</b> (Session chair: Ergun Akleman) - <b>Matteo Clémot</b> , Julie Digne, <i>Neural skeleton: implicit neural representation away from the surface</i> - <b>Melike Aydinlilar</b> , Cédric Zanni, <i>Forward Inclusion Functions for Ray-Tracing Implicit Surfaces</i> - <b>Yanyang Xiao</b> , Juan Cao, Shaoping Xu, Zhonggui Chen, <i>Meshless Power Diagrams</i> - <b>Yanran Guan</b> , Andrei Chubarau, Ruby Rao, Derek Nowrouzezahrai, <i>Learning neural implicit representations with surface signal parameterizations</i>
18:00-18:30			