

**DAY 5 - FRIDAY, 7th 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 (Chioistro DAD)	SPM GD GMP	Room 0B Room 1A Room 1B	Lunch (Chioistro DAD)	Invited Speaker (Rooms 1A+1B)	SPM GD SCULPT	Room 0B Room 1A Room 1B	Coffee Break (Chioistro DAD)	SPM GD (Session 1) GD (Session 2)	Room 0B Room 1A Room 1B	Closing Session

DETAILED PROGRAM		
ROOM 0B (ground floor)	ROOM 1A (first floor)	ROOM 1B (first floor)
9:00-10:00 <b>Daniele Panozzo</b> , <i>Robust Geometry Processing for Physical Simulation</i> (Session chair: Teseo Schneider) (Room: San Salvatore)		
10:00-10:45 Coffee Break and Poster Session (Chioistro DAD)		
10:45-12:45 <b>SPM: FEATURE-PRESERVING METHODS</b> (Session chair: Jianmin Zheng) - <b>Xinwei Huang</b> , Shuai Li, Shoulong Zhang, Aimin Hao, Hong Qin, <i>Distribution-motivated 3D Style Characterization Based on Latent Feature Decomposition</i> - <b>Cheng Zong</b> , Jinhui Zhao, Pengfei Wang, Shuangmin Chen, Shiqing Xin, Yuanfeng Zhou, Changhe Tu, Wenping Wang, <i>A Region-growing GradNormal Algorithm for Geometrically and Topologically Accurate Mesh Extraction</i> - <b>Philip Azariadis</b> , Alexander Agathos, <i>Optimal Point-to-Point Geodesic Path Generation on Point Clouds</i> - <b>Aizeng Wang</b> , Chuan He, Jianmin Zheng, Gang Zhao, <i>3D Class A Bézier curves with monotone curvature</i>	<b>GD: LEARNING, PROCESSING, AND OPTIMISING SHAPES</b> (Session chair: Hendrik Speleers) - <b>Oliver Barrowclough</b> , <i>Implicit representations: from traditional to learning approaches</i> - <b>Arturs Berzins</b> , Moritz Ibing, Leif Kobbelt, <i>Neural implicit shape editing using boundary sensitivity</i> - <b>Michelangelo Marsala</b> , Angelos Mantzaflaris, Bernard Mourrain, <i>Construction and analysis of a G<sup>1</sup>-smooth polynomial family of approximate Catmull-Clark surfaces</i> - <b>Krunal Raval</b> , René R. Hiemstra, Kjetil André Johannessen, Tor Dokken, <i>Adaptive refinement through non-uniform polynomial degree LR B-splines in isogeometric analysis</i>	<b>GMP: LEARNING &amp; UNDERSTANDING SHAPES</b> (Session chair: Weiwei Xu) - <b>Zheng Qin</b> , Kai Xu, Yuxing Peng, Changjian Wang, <i>CasVIGE: Learning Robust Point Cloud Registration with Cascaded Visual-Geometric Encoding</i> - Pierre Alliez, Florent Lafarge, <b>Tong Zhao</b> , Mulin Yu, <i>Sharp Feature Consolidation from Raw 3D Point Clouds via Displacement Learning</i> - Fanzhong Zeng, Yongwei Nie, Bixia Kuang, Chenhao Yao, <b>Juncheng Zeng</b> , Guiqing Li, <i>PSPDNet: Part-aware Shape and Pose Disentanglement Neural Network for 3D Human Animating Meshes</i> - <b>Guo-Wei Yang</b> , Wen-Yang Zhou, Hao-Yang Peng, Dun Liang, Tai-Jiang Mu, Shi-Min Hu, <i>Recursive-NeRF: An Efficient and Dynamically Growing NeRF</i> (TVCG)
12:45-14:00 Lunch (Chioistro DAD)		<b>GMP: BEST PAPER AWARDS</b>
14:00-15:00 <b>Hanan Samet</b> , <i>Sorting in space</i> (Session chair: Franca Giannini) (Rooms: 1A+1B)		
15:00-16:00 <b>SPM: BEZIER AWARD Talk</b> (Session chair: Konrad Polthier)	<b>GD: LEARNING, PROCESSING, AND OPTIMISING SHAPES</b> (Session chair: Krunal Raval) - <b>Thanasis Zoumpikas</b> , Alexander Leutgeb, Anna Puig, Maria Salamó, <i>Machining tool identification utilizing temporal 3D point clouds</i> - <b>Pablo González Mazón</b> , Laurent Busé, <i>Effective birational deformation of trilinear volumes</i>	<b>SCULPT</b> Shape Creation Using Layouts, Programs, & Technology
16:00-16:30 Coffee Break and Poster Session (Chioistro DAD)		
16:30-17:30 <b>SPM: METHODS FOR ADDITIVE MANUFACTURING</b> (Session chair: Michael Bartoň) - <b>Jiangbei Hu</b> , Jun Yang, Shengfa Wang, Na Lei, Zhongxuan Luo, <i>Differentiable Channel Design for Enhancing Manufacturability of Enclosed Cavities</i> - <b>Q Youn Hong</b> , Gershon Elber, Myung-Soo Kim, <i>Implicit Functionally Graded Conforming Microstructures</i>	<b>GD: LEARNING, PROCESSING, AND OPTIMISING SHAPES + CONTRIBUTED TALK</b> (Session chair: Krunal Raval) - <b>Andriamahenina Ramanantoanina</b> , <i>Barycentric rational interpolation with applications to curve design</i> - <b>Allen Paul</b> , Tony Shardlow, Neill Campbell, <i>Diffeomorphic statistical shape models with Gaussian processes</i>	<b>GD: CONTRIBUTED TALKS</b> (Session chair: Severinas Zube) - Jorge Caravantes, Gema M. Diaz-Toca, Mario Fioravanti, <b>Laureano Gonzalez-Vega</b> , <i>Interference of conics and quadrics: closed-form solutions</i> - Daoming Liu, <b> Davide Pellis</b> , Yu-Chou Chiang, Florian Rist, Johannes Wallner, Helmut Pottmann, <i>Deployable strip structures</i> - <b>Chiara Romanengo</b> , Silvia Biasotti, Bianca Falcidieno, <i>Extending the Hough transform to recognise space curves in point clouds</i>
17:30-18:00 <b>SPM: BEST PAPER AWARDS</b> (Session chair: Franca Giannini)		
18:00-18:30 Closing Session		