

Archimedes 3min PhD Talks + Posters 2025 Schedule

10:30 - 11:25 : Session 1 (no questions)

Student		Title
Alexandros	Lolos	Online Fair Division for Personalized 2-Value Instances
Minas-Marios	Sotiriou	EFX in multigraphs
Sotiris	Kanellopoulos	Approximation Schemes for Subset Sum and Partitioning problems
Christos	Pergaminelis	Finite Pinwheel Scheduling: the k-Visits problem
Thanos	Tolias	Online posted-price mechanisms for budget feasible procurement auctions
Giannis	Vlahos	The communication complexity of combinatorial auctions in graphs
Marina	Kontalexi	Learning in Stackelberg Games
Vasilis	Christoforidis	Learning-Augmented Coordination Mechanisms
Andreas	Kontogiannis	Advances in Multi-Agent Learning, Decision Making and Computation
Vasilis	Pollatos	Learning in Non-Convex Games: Algorithms, Dynamics, and Convergence Guarantees
Vasileios	Moustakas	Design of analog and mixed-signal circuits for Machine Learning and Artificial Intelligence
Dimitrios	Dimitropoulos	Efficient Approximate Nearest Neighbour Search in Vector Databases
Panagiotis	Rigas	GARLIC: GAussian Representation Learning for spaCe partitioning
Nikos	Theologis	How Unfair is Sticking to your own Opinion? Fairness in Opinion Formation Dynamics
Christos	Tsapelas	Towards a Neural Database Execution Engine
Konstantinos	Plas	LLM spatial reasoning and optimizations in geospatial RDF stores
George	Papadoulis	AQQUA: a private and auditable digital payment system

11:25 - 11:40: Short Break

11:40 - 12:15: Session 2 (no questions)

Student		Title
Christos	Fragkathoulas	Counterfactual explanations
Nikos	Spyrou	Counterfactual video generation and evaluation
Thomas	Melistas	Benchmarking Counterfactual Image Generation
Efstathios	Karypidis	Semantic Future Prediction
Giannis	Kalogeropoulou	Learning in weight spaces
Andreas	Zamanos	Self-supervised learning for generalizable particle picking in cryo-EM micrographs
Daphne	Tsolissou	VLMs for medical imaging
Triantafillos	Papadopoulos	Finance Market Prediction Using LLMs
Dimitris	Tsirmas	Synthetic moderation / facilitation of online spaces using LLMs
Dimitris	Koutsianos	Synthetic Speech Source Detection using Metric Learning
Vivian	Platanou	From Stone to Paper and from Paper to Pixel: Deep learning-based Inpainting for Fragmentary Epigraphic Texts
Angelos	Semoglou	Confidence in Assignments via K-Partition Ensembles

12:15 - 12:35: Videos (with questions)

Student		Title
Symeon	Mastrakoulis	MMS for Subadditive Valuations with Few Agents
Thodoris	Kouzelis	Boosting generative image modeling via joint image-feature synthesis
Anastasios	Gerontopoulos	Multi-token prediction needs registers
Antonis	Korinthios	Gene Clustering from Single-Cell Data using Community Detection

12:35 - 13:15: Lunch Break

13:15 - 15:00: Poster Sessions

13:15 - 13:45	Session 1 - Students from Session 1 in the oral presentation are expected to be by their posters
13:45 - 14:15	Session 2 - Students from Session 2 in the oral presentation are expected to be by their posters
14:15 - 15:00	Free interaction