

Technical Program

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MLSP-P3: Reinforcement and Sequential Learning

Session Type: Poster

Time: Tuesday, 5 May, 16:30 - 18:30

Location: [On-Demand](#)

Virtual Session: [View on Virtual Platform](#)

Session Chair: Jie Ding, University of Minnesota

MLSP-P3.1: [HIERARCHICAL CACHING VIA DEEP REINFORCEMENT LEARNING](#)

Alireza Sadeghi; *University of Minnesota*

Gang Wang; *University of Minnesota*

Georgios B. Giannakis; *University of Minnesota*

MLSP-P3.2: [LEARNING NETWORK REPRESENTATION THROUGH REINFORCEMENT LEARNING](#)

Siqi Shen; *National University of Defense Technology*

Yongquan Fu; *National University of Defense Technology*

Adele Lu Jia; *China Agricultural University*

Huayou Su; *National University of Defense Technology*

Qinglin Wang; *National University of Defense Technology*

Chengsong Wang; *National University of Defense Technology*

Yong Dou; *National University of Defense Technology*

MLSP-P3.3: [ATTENTION-BASED CURIOSITY-DRIVEN EXPLORATION IN DEEP REINFORCEMENT LEARNING](#)

Patrik Reizinger; *Budapest University of Technology and Economics*

Márton Szemenyei; *Budapest University of Technology and Economics*

MLSP-P3.4: [STABILIZING MULTI-AGENT DEEP REINFORCEMENT LEARNING BY IMPLICITLY ESTIMATING OTHER AGENTS' BEHAVIORS](#)

Yue Jin; *Tsinghua University*

Shuangqing Wei; *Louisiana State University*

Jian Yuan; *Tsinghua University*

Xudong Zhang; *Tsinghua University*

Chao Wang; *Tsinghua University*

MLSP-P3.5: [QOS-AWARE FLOW CONTROL FOR POWER-EFFICIENT DATA CENTER NETWORKS WITH DEEP REINFORCEMENT LEARNING](#)

Penghao Sun; *National Digital Switching System Engineering & Technological R&D Center*

Zehua Guo; *Beijing Institute of Technology*

Sen Liu; *Central South University*

Julong Lan; *Central South University*

Yuxiang Hu; *Central South University*

MLSP-P3.6: [IMPROVING THE SCALABILITY OF DEEP REINFORCEMENT LEARNING-BASED ROUTING WITH CONTROL ON PARTIAL NODES](#)

Penghao Sun; *National Digital Switching System Engineering & Technological R&D Center*

Julong Lan; *National Digital Switching System Engineering & Technological R&D Center*

Zehua Guo; *Beijing Institute of Technology*

Yang Xu; *Fudan University*

Yuxiang Hu; *National Digital Switching System Engineering & Technological R&D Center*

MLSP-P3.7: [GENERALIZED LINEAR BANDITS WITH SAFETY CONSTRAINTS](#)

Sanae Amani; *University of California, Santa Barbara*

📄 MLSP-P3.8: [**FROM VIDEO GAME TO REAL ROBOT: THE TRANSFER BETWEEN ACTION SPACES**](#)

Janne Karttunen; *Karelis Oy*
Anssi Kanervisto; *University of Eastern Finland*
Ville Kyrki; *Aalto University*
Ville Hautamäki; *University of Eastern Finland*

📄 MLSP-P3.9: [**CORRELATED MULTI-ARMED BANDITS WITH A LATENT RANDOM SOURCE**](#)

Samarth Gupta; *Carnegie Mellon University*
Gauri Joshi; *Carnegie Mellon University*
Osman Yagan; *Carnegie Mellon University*

📄 MLSP-P3.10: [**ADAPTIVE SEQUENTIAL INTERPOLATOR USING ACTIVE LEARNING FOR EFFICIENT EMULATION OF COMPLEX SYSTEMS**](#)

Luca Martino; *Universidad Rey Juan Carlos*
Daniel Heestermans Svendsen; *Universitat de Valencia*
Jorge Vicent; *Universitat of Valencia and Magellium Company in Geoinformation and Image Processing*
Gustau Camps-Valls; *Universitat de Valencia*

📄 MLSP-P3.11: [**CONTINUAL LEARNING FOR INFINITE HIERARCHICAL CHANGE-POINT DETECTION**](#)

Pablo Moreno-Muñoz; *Universidad Carlos III de Madrid*
David Ramírez; *Universidad Carlos III de Madrid*
Antonio Artés-Rodríguez; *Universidad Carlos III de Madrid*