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IEEE Machine Learning for Signal Processing Workshop 2021, 25 – 28 October, Gold Coast, Australia

The 31st MLSP workshop in the series of workshops organized by the IEEE Signal Processing Society MLSP Technical Committee will take place in Gold Coast, Australia. If conditions allow, we plan to have a conference running in a hybrid format with a virtual program for attendees that can't attend the conference and in person attendance for attendees that can attend. The conference will present the most recent and exciting advances in machine learning for signal processing through keynote talks, tutorials, special and regular single-track sessions as well as matchmaking events. The presented papers will be published in and indexed by IEEE Xplore.

All submitted papers are reviewed by experts and only a proportion is accepted maintaining a high quality scientific meeting. The scope of the workshop includes basic theory, methods and algorithms, and applications in the following areas:

Theoretical and application Topics:
- Learning theory and algorithms
- Information-theoretic learning
- Deep learning techniques
- Distributed/Federated learning
- Dictionary learning
- Graphical and kernel methods
- Learning from multimodal data
- Independent component analysis
- Matrix factorizations/completion
- Reinforcement learning
- Transfer learning
- Source separation
- Reinforcement learning
- Subspace and manifold learning
- Sequential learning
- Self-supervised and semi-supervised learning
- Tensor-based signal processing
- Sparsity-aware processing
- Pattern recognition and classification
- Music and audio processing
- Applications of machine learning

Submission of papers: Prospective authors are invited to submit 6 pages full-length papers, including figures and references. Papers are submitted electronically at 2021.ieeemlsp.org

Special session proposals: Special session proposals are submitted through the 2021.ieeemlsp.org. They must include a topical title, rational, session outline, contact information and the list of invited papers. Special session authors are referred to the workshop website for additional information regarding submissions.

Important Dates:

Deadline for special session proposals submission	April 30th, 2021
Special sessions selected	May 07th, 2021
Deadline for 6-page paper submissions	May 31st, 2021
Notification of paper acceptance	July 31st, 2021
Camera ready upload	August 31st, 2021
Start of conference	October 25th, 2021

Venue: The Gold Coast is a coastal city located in the South East of Queensland, Australia. The city is 94 km (58 mi) south of the state capital Brisbane. With more than 300 days of sunshine each year allowing you to explore more than 70 km of unspoiled coastline and beaches as well as 100,000 hectares of world heritage rainforest; Gold Coast is today a leading touristic destination. It enjoys 30 different beaches each with their own personality, from world-famous surf breaks and cosy coastal settings in the south to family fun swimming spots and surf-life saving action in the north. At your fingertips is every on-water activity imaginable! With its sunny subtropical climate, surfing beaches, canal and waterway systems, its high-rise dominated skyline, theme parks, nightlife and rainforest hinterland, Gold Coast will turn your stay into lifetime memories.