Welcome to Corvallis, Oregon!

Corvallis, Oregon, nestled in the picturesque Willamette Valley, is a captivating city renowned for its natural beauty and vibrant community. Home to Oregon State University, Corvallis combines the academic energy of a college town with the charm of a thriving cultural scene. With the stunning Cascade Range as its backdrop and the peaceful Willamette River meandering through its heart, Corvallis offers a scenic haven for both residents and visitors. This city places a strong emphasis on sustainability and innovation, making it a hub for cutting-edge research and technology. Its lively downtown area boasts charming shops, delectable eateries, and a bustling farmers market, inviting everyone to explore and enjoy. Corvallis welcomes you to experience its warm hospitality and abundant outdoor adventures.  

Call for Papers

Research Areas

Authors are invited to submit contributions in the following areas:

- Adaptive beamforming
- Array processing for biomedical applications
- Array processing for communications
- Array processing for radio astronomy
- Array processing for seismic monitoring
- Artificial intelligence in array processing
- Blind source separation and channel identification
- Computational and optimization techniques
- Compressive sensing and sparsity-based signal processing
- Detection and estimation
- Direction-of-arrival estimation
- Distributed and adaptive signal processing
- Intelligent systems and knowledge-based signal processing
- Microphone and loudspeaker array applications
- MIMO radar
- Multi-antenna systems: multiuser MIMO, massive MIMO and space-time coding
- Multi-channel imaging and hyperspectral processing
- Multi-sensor processing for smart grid and energy
- Non-Gaussian, nonlinear, and non-stationary models
- Performance evaluations with experimental data
- Radar and sonar array processing
- Sensor networks
- Signal processing for The Internet of Things
- Source localization, classification and tracking
- Synthetic aperture techniques
- Space-time adaptive processing
- Statistical modelling for sensor arrays
- Tensor signal processing
- Waveform diverse sensors and systems
- Machine learning for sensing, array processing, and communications

Submission of Papers

- Full-length papers with 4 pages of content and 1 extra page only for references should be electronically submitted.

Submission of special session and tutorial proposals — details will be found at the workshop website (coming soon).