

**ORAL SESSIONS**

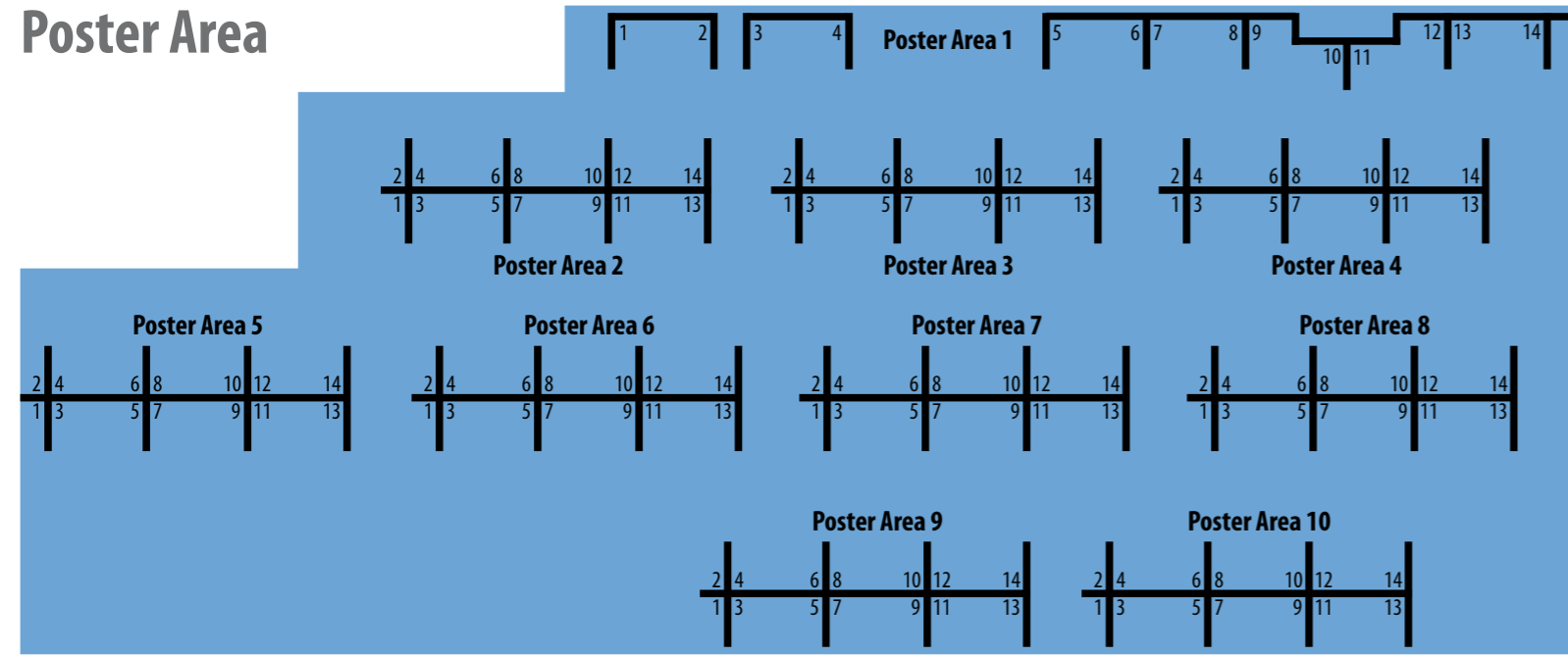
**POSTER SESSIONS**

Time / Room	Room Cavaniglia	Room Basilica	Room Polveriera	Room Scherma	Room Teatrino	Room Volta		Poster area 1	Poster area 2	Poster area 3	Poster area 4	Poster area 5	Poster area 6	Poster area 7	Poster area 8	Poster area 9	Poster area 10
<b>TUESDAY, MAY 6</b>																	
08:45	Opening Ceremony																
09:20	State of Society Presentation																
09:40	Awards Ceremony																
10:30	Coffee break																
11:00	SS1: Signal Processing for Big Data	SPTM-L1: Sampling Theory and Methods I	SAM-L1: Radar Array Processing	SLTC-L1: Speaker diarization	SLTC-L2: Spoken Language Understanding I	IVMSP-L1: Image Quality Assessment		SLTC-P1: Deep Neural Networks in Speech Recognition I	SLTC-P2: Stochastic Speech Synthesis	SPTM-P1: Time Frequency Analysis, System Modelling and Estimation	SPTM-P2: Signal and System Modelling, and Estimation I	SPCOM-P1: Coordinated transmission in heterogeneous networks	IVMSP-P1: Face Recognition	IVMSP-P2: Stereoscopic and 3D Processing	AASP-P1: Microphone Array Processing I, Music Analysis and Synthesis I	MMSP-P1: Multimedia Communication and Interaction	
13:00	Lunch Time																
14:45	PT1: Plenary Talk: Signal Processing in Computational Art History																
15:45	Coffee break																
16:15	SLTC-L3: Speaker recognition I	SPTM-L2: Signal and System Modelling, and Estimation II	SS2: Enhanced Radar Sensing in Harsh Environments Phenomenology	AASP-L1: Microphone-Array Beamforming	SPCOM-L1: Resource allocation	IVMSP-L2: Stereoscopic and 3D coding		SLTC-P3: Speech Production and Perception	SLTC-P4: Processing of Abnormal Speech	SPTM-P3: Compressed Sensing I	SPTM-P4: Signal Processing over Graphs I	SPCOM-P2: Interference alignment	IVMSP-P3: Image Restoration and Enhancement	IVMSP-P4: Video Analysis	AASP-P2: Echo Control I, Quality Measure	MMSP-P2: Multimedia Systems, Databases, and Quality Assessment	SAM-P1: Localization and Tracking
<b>WEDNESDAY, MAY 7</b>																	
08:30	SLTC-L4: Fundamental Frequency Estimation	SS3: Optimization algorithms for high dimensional signal processing	MMSP-L1: Multimedia and Multimodal Signal Processing I	SS4: Signal Processing for Cyber-Security and Privacy	AASP-L2: Speech and Audio Enhancement	BISP-L1: Biomedical Informatics and Image Analysis I		SLTC-P5: Speaker recognition II	SLTC-P6: Robust Speech Recognition I	SPTM-P5: Sampling Theory and Methods I	SPTM-P6: Bayesian Techniques	SPCOM-P3: Detection and decoding	IVMSP-P5: Image Coding and Communication	BISP-P1: EEG and fMRI data processing	AASP-P3: Audio Source Separation I, Music Information Retrieval I	IDSP-P1: Emerging Industrial Signal Processing Applications and Education	SAM-P2: DOA Estimation
10:30	Coffee break																
11:00	SLTC-L5: Error Detection in Automatic Speech Recognition	SPTM-L3: Compressed Sensing II	SS5: Seismic Signal Processing	MLSP-L1: Bayesian Methods	SPCOM-L2: Interference management	IVMSP-L3: Image Enhancement		SLTC-P7: Features in Speech Recognition	SLTC-P8: Statistical speech synthesis	SPTM-P7: Digital and Multirate Signal Processing	IFS-P1: Multimedia Forensics	SPCOM-P4: Relaying	IVMSP-P6: Image Analysis I	BISP-P2: Biomedical Informatics and Image Analysis II	AASP-P4: Spatial Audio I, Signal Enhancement I	MLSP-P1: Pattern Recognition and Classification	SAM-P3: Detection and Estimation
13:00	Lunch Time																
14:30	Opportunities for International Research Support through the US Office of Naval Research-Global (ONRG)																
14:45	PT2: Plenary Talk: Model-Based Signal Processing																
15:45	Coffee break																
16:15	SLTC-L6: Articulatory features in speech processing	SPTM-L4: Classification and Pattern Recognition	SS6: Dictionary-based processing of single- and multi-channel audio	AASP-L3: Music Transcription	SPCOM-L3: Massive MIMO	SAM-L2: Hyperspectral Processing and Source Separation		SLTC-P9: Spoken Language Processing	SLTC-P10: Large-Vocabulary Continuous Speech Recognition	SPTM-P8: Compressed Sensing III	SPTM-P9: Detection	SPCOM-P5: Transmitter design	IVMSP-P7: Sparse coding and Dictionary Learning	BISP-P3: Computer-aided diagnosis and intervention	AASP-P5: Hearing Aids I, Audio Coding	MLSP-P2: Machine Learning for Audio and Speech	IFS-P2: Biometrics and Content Fingerprinting
<b>THURSDAY, MAY 8</b>																	
08:30	SLTC-L7: Parametric Speech Synthesis	SPTM-L5: Signal Processing over Graphs II	DISPS-L1: Algorithm and Architecture Co-Optimization	SS7: Joint Optimization of RF devices and Resource Allocation in Wireless Networks	SAM-L3: Sparsity Structures	IFS-L1: Secret Communications, Fingerprinting, and Security		SLTC-P11: Features for Speaker Recognition	SLTC-P12: Spoken Language Understanding II	SPTM-P10: Signal Sampling, Sensing and Reconstruction I	SPTM-P11: Estimation	SPCOM-P6: Channel models, and source, channel and network coding	IVMSP-P8: Image Feature Extraction	BISP-P4: Signal detection in biomedical applications	AASP-P6: Spatial Audio II, Signal Enhancement II	MLSP-P3: Learning theory I	MMSP-P3: Multimedia and Multimodal Signal Processing II
10:30	Coffee break																
11:00	SLTC-L8: Speech Intelligibility Enhancement	SPTM-L6: Performance Analysis and Bounds	BISP-L2: EEG data processing I	AASP-L4: Sound Field Analysis and Reproduction	SPCOM-L4: Energy harvesting and management	SS8: Social Nets: Learning and Optimization		SLTC-P13: Paralinguistic Speech Recognition	SLTC-P14: Language Models	SPTM-P12: Signal Sampling, Sensing and Reconstruction II	DISPS-P1: Design Methods and Optimization for DSP	SPCOM-P7: Sensing and learning networks	IVMSP-P9: Image Segmentation	BISP-P5: Processing and applications in Ultrasound	AASP-P7: Reverberation Reduction, Music Information Retrieval II	MLSP-P4: Sparsity	SAM-P4: MIMO Radar
13:00	Lunch Time																
14:30	Shaping the future: the innovative dimension of Research & Technology																
14:45	PT3: Plenary Talk: Green radar state of art: theory, practice and way ahead																
15:45	Coffee break																
16:15	SLTC-L9: Language Identification	IVMSP-L4: Image Analysis II	SS9: Array signal processing for radio astronomy: the SKA is the future	MLSP-L2: Neural Network Methods	SPCOM-L5: Consensus and distributed estimation	SPTM-L7: Advances in Adaptive Filtering		SLTC-P15: Robust Speech Recognition II	SLTC-P16: Deep Neural Networks in Speech Recognition II	SPTM-P13: Estimation and Optimization	SPCOM-P8: Physical Layer Security	SPCOM-P9: Synchronization, training and receiver design	IVMSP-P10: Interpolation and Super-resolution	BISP-P6: EEG data processing II	AASP-P8: Echo Control II, Acoustic Event Analysis	MLSP-P5: Applications of MLSP	SAM-P5: Beamforming and Sensor Array Processing
<b>FRIDAY, MAY 9</b>																	
08:30	SLTC-L10: Speech Enhancement	SPTM-L8: Signal Processing on Networks	SS10: Dynamic Geometry Compression	SS11: Signal Processing Techniques for Interference Alignment	MLSP-L3: Source Separation	IFS-L2: Forensics, Biometrics, and Privacy		SLTC-P17: Speech Analysis and Coding	SLTC-P18: Adaptation in Speech Recognition	SPTM-P14: Adaptive Systems - Algorithms, Analyses and Applications	SPCOM-P10: Distributed and sparse signal processing with applications	SPCOM-P11: Estimation in communication systems	IVMSP-P11: Video Segmentation and Tracking	BISP-P7: Medical image reconstruction I	AASP-P9: Noise and Room Acoustics Control, Audio Source Separation II, Audio Systems	MLSP-P6: Clustering, Factorizations & Feature Selection	SAM-P6: Compressive and Physics-Based Methods
10:30	Coffee break																
11:00	SLTC-L11: Deep Learning in Speech Recognition	IVMSP-L5: Image Indexing and Retrieval	BISP-L3: Medical image reconstruction II	AASP-L5: Recent Topics on Audio Coding	SS12: Deep Learning for Music	SPCOM-L6: Network Perspectives		SLTC-P19: Reduction of Noise in Speech	SLTC-P20: Spoken Term Detection I	SPTM-P15: Sparsity-Aware Learning and Reconstruction	SPTM-P16: Topics in Adaptive Signal Processing	SPCOM-P12: Spectrum sensing and cognitive radio	IVMSP-P12: Video coding	IFS-P3: Multimedia Encryption, Secure Computations, and Data Hiding	AASP-P10: Microphone Array Processing II, Music Analysis and Synthesis II	DISPS-P2: Implementations of DSP Systems and Applications	SAM-P7: Sensor and Relay Networks
13:00	Lunch Time																
14:45	PT4: Plenary Talk: Synchronization and detectability in nonlinear networks and biology																
15:45	Coffee break																
16:15	SLTC-L12: Neural network ASR	SPTM-L9: Sparsity-Aware Learning	SS13: Non-native Speech Processing	SAM-L4: SAM for Wireless Communications	SPCOM-L7: Power Systems Management and Smart Grid	IVMSP-L6: Image Formation		SLTC-P21: Spoken Term Detection II	SLTC-P22: Voice Conversion	SPTM-P17: Nonlinear Signal Processing	SPTM-P18: Data Driven Methods	SPCOM-P13: Multicarrier systems	IVMSP-P13: Remote Sensing and Seismic Imaging	IFS-P4: Secure Communications and Key Generation	AASP-P11: Hearing Aids II, Analysis of Acoustic Environments, Animal Sound Analysis	MLSP-P7: Learning Theory II	DISPS-P3: Low-Power Signal Processing

Legend	SPTM	SAM	SLTC	IVMSP	MMSP	SPCOM	BISP	IDSP	MLSP	IFS	AASP	DISPS	SS
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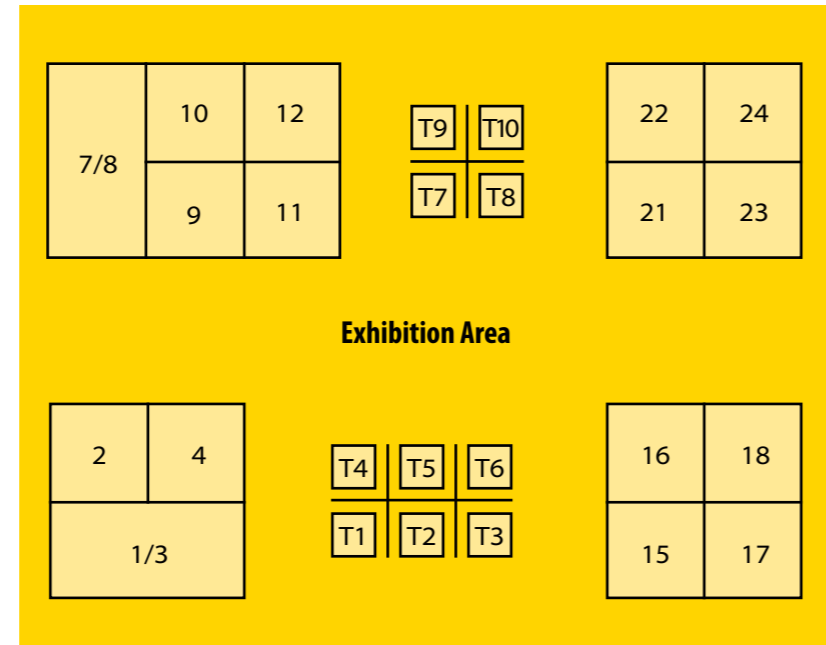
## Poster Area



## Exhibition Area

### Exhibitors:

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|-----------------------------------|-------------------|
| 1/3 Springer                      | T1 Wiley          |
| 2 Google                          | T2 Artech House   |
| 4 C.S.S.N. ITE/CNIT-LAB RASS      | T3 Now Publishers |
| 7/8 Selex ES                      | T4 Appen          |
| 9 Apple                           | T5 Cubit/Quest-IT |
| 10 Elsevier                       | T8 GlobalSIP'2014 |
| 11 Microsoft                      | T9 ICASSP 2015    |
| 12 Speechocean                    | T10 SPS IEEE      |
| 15 CRC Press                      |                   |
| 16 Cambridge University Press     |                   |
| 17 Starkey Hearing Technologies   |                   |
| 18 Amazon                         |                   |
| 21 Thales Italia                  |                   |
| 22 Thales Alenia Space/Telespazio |                   |
| 23 MathWorks                      |                   |
| 24 Nuance                         |                   |



## Spadolini Hall

