



| Session title | Chair(s) |
|---|--|
| Aero and HydroAcoustics: General | D. Marx, C. Schram |
| Computational aeroacoustics | G. Gabard, M. Kaltenbacher |
| Duct aeroacoustics | E. Perrey-Debain, M. Abom |
| Flow-induced noise and vibration | G. Serre |
| Infrasounds: measurements, predictions and perception | P. Blanc-Benon |
| Measurement issues in aeroacoustics | A. Pereira, Q. Leclere |
| Noise of rotating machinery | V. Clair, D. Casalino |
| Sonic boom | F. Coulouvrat, A. Schady |
| Wind turbine Noise | D. Ecoti re, F. Bertagnolio |
| | |
| Bioacoustic: General | N. Mathevon, N. Grimault |
| Advances in Big Data Bioacoustics from sensors to deep learning | H. Glotin, M. Asch |
| Human/animal communication | D. Reby, K. Pisanski |
| | |
| Building Acoustics: General | C. Guigou, L. De Geetere |
| Classification scheme, ratings and regulation of noise transmission in buildings | B. Rasmussen, C. Guigou |
| Environmental vibrations from railways and construction sites | P. Jean, G. Coquel |
| Equipment noise | S. Bailhache, A. Di Bella |
| Innovative sustainable materials and metamaterials for noise control in buildings | F. Asdrubali, M. Garai |
| Low frequency impact sound insulation | F. Ljunggren, N. Amiryarahmadi |
| Measurement techniques in building acoustics | M. Schneider, A. Santoni |
| Noise and Health | A.-S. Evrard, M. Brink |
| Prediction Models in building acoustics | E. Reynders, C. Hopkins, C. Van Hoorix |
| Sound insulation from exterior noise | K. Larsson |
| Sustainable buildings for resilient cities | S. Schoenwald, H. Ferik |
| | |
| Education in Acoustics: General | O. Robin, B. Gazengel |
| Demonstrations or interactive media for laboratory and le | O. Robin, L. Jaouen |



| | |
|---|-------------------------------------|
| | |
| Electro-Acoustics: General | P. Herzog, P. Svensson |
| Acoustic MEMS | S. Durand, P. Honzik |
| Infrasounds: measurements, predictions and perception | P. Blanc-Benon |
| Loudspeakers arrays for sound field synthesis | M. Melon, P.-A. Gauthier |
| Low-frequency electroacoustics and experimentation | H. Lissek, R. Magalotti |
| Microphones and acoustic sensors | C. Guianvarc'H, S. Barrera Figueroa |
| Microphones/sensors arrays | E. Bavu, Q. Leclere, J.-H. Thomas |
| Miniature electroacoustic transducers for in-ear applications | E. Kuipers |
| Modelling and measurement of loudspeakers | A. Novak, A. Farina |
| Transducers and control | M. Collet |
| | |
| Environmental acoustic: General | B. Gauvreau, K. Attenborough |
| Aircraft and Airport Noise | A. Martinez, O. Zaporozhets |
| Auralisation and Sound rendering | J. Maillard, J. Forssen |
| Construction and Industrial Noise | D. Waddington, P. Dunbavin |
| Greening and Sound | T. Van Renthergem, M. Hornikx |
| Ground Transportation Noise | J. Lelong, F. Poisson |
| Harbour and ship noise | D. Borelli, G. Heald |
| Infrasounds: measurements, predictions and perception | P. Blanc-Benon |
| Noise mapping and Action plans | G. Licitra, B. Vincent |
| Noise reducing devices including noise barriers | A. Jolibois, J.-P. Clairbois |
| Occupation noise : health and safety in industrial workplaces | J.-P. Arz, F. Sgard |
| Smart cities and Sensors | C. Asensio, F. Alias |
| Soundscapes | J. Kang, A. Fiebig |
| UAV (drone) noise: Noise sources, perception and detection | I. Le Griffon |
| Urban Acoustics | A. Can, D. Botteldooren |
| Wind turbine Noise | D. Ecoti re, F. Bertagnolio |
| | |



| | |
|---|---|
| Experimentation in Acoustics: General | M. Pachebat |
| Low-frequency electroacoustics and experimentation | H. Lissek, R. Magalotti |
| Microphones and acoustic sensors | C. Guianvarc'H, S. Barrera Figueroa |
| | |
| Musical Acoustics: General | J.-L. Le Carrou |
| Directivity and spatialisation of voice and musical instruments | P. Luizard, M. Kob |
| Experimental methods applied to musical instruments and singing voice : sensors, actuators, imaging, signal | J.-L. Le Carrou, T. Legou |
| Hybrid acoustical and digital musical instruments | Y. Orlarey |
| Instrument making : optimisation, rebuilding, new materials, modelling, cultural heritage | P. Guillemain |
| Instrumental playing and singing: gesture, control, sound production and perception | C. Fritz |
| Models and numerical methods for musical instruments and singing voice | T. Helie, B. Elie |
| Music and perception | C. Fritz, N. Grimault |
| Musical acoustics in education | J.-L. Le Carrou |
| Signal processing and artificial intelligence in audio and musical acoustics | H. Boutin |
| | |
| Physical, Underwater and Ultrasonic Acoustics: General | T. Valier-Brasier |
| Propagation in heterogeneous media | T. Valier-Brasier, A. Tourin |
| Acoustics in the marine environment, Geophysics | N. Favretto-Cristini, P. Roux |
| Guided waves | C. Potel, F. Cegla |
| Laser Ultrasonics | S. Raetz, A. Akimov |
| Medical acoustics | P. Lasaygues, D. Vray, C. Inserra |
| Metamaterials and structured materials | B. Morvan, V. Romero, T. Brunet |
| NDT, SHM and imaging of materials and structures | C. Prada, A. Lhemery, G. Scarselli |
| Physical acoustics | O. Poncelet, N. Wilkie-Chancellier, G. Lefebvre |
| Ultrasonic transducers | J. Fortineau |
| | |
| Psychological & Physiological acoustics: General | S. Meunier, A. Kohlrausch |
| Acoustic and Sound Design of the future of mobility: what would be the sound of silence? | N. Misdariis, E. Altinsoy |
| Binaural advantages in hearing in multiple source environments | S. Van De Par, M. David |



| | |
|---|---|
| Binaural models: Algorithms and applications | P. Majdak, V. Pulkki |
| Effects of noise exposure on auditory physiology and perception | K. Kluk-De Kort |
| Human speech recognition performance with and without hearing devices in complex acoustic | M.R. Schädler, A. Warzybok, J. Rennies-Hochmuth, M. Lavandier |
| Human/animal communication | D. Reby, K. Pisanski |
| Interindividual differences in auditory processing | E. Ponsot, P. Susini |
| Loudness | V. Koehl, S. Meunier |
| Multisensory integration | E. Hendrickx |
| Music and perception | C. Fritz, N. Grimault |
| Occupation noise : health and safety in industrial workplaces | J.-P. Arz, F. Sgard |
| Product sound quality | E. Altinsoy, K. Genuit, K. Yamauchi |
| Psychoacoustic laboratory experiments for noise annoyance, acoustic comfort, and soundscape | A. Taghipour, B. Schäffer |
| Psychoacoustics: From the ivory tower to tangible practical applications | H. Fastl |
| Psychophysical and physiological methods for the appraisal of our complex built environment | C. Marquis-Favre, P. Lee |
| Simulation of hearing impairments and auditory prostheses | J. Culling, J. Grange |
| Sound cognition in sleep, coma and altered states of consciousness | J.-J. Aucouturier, B. Hermann |
| Sound Issues and Opportunities in Healthcare | E. Ozcan, M. Liuni |
| Sound localization by humans | M. Lavandier, V. Koehl |
| Speech quality in context | P. Luizard, S. Möller |
| | |
| Room Acoustics: General | T. Scelo, H. Möller |
| Acoustics of eating establishments (restaurants, canteens, caffeterias) | P. Bottalico |
| Acoustics of large enclosed public spaces | M. Rychtarikova, F. Martellotta |
| Ancient theatres | J. Holger Rindel, J. Mourjopoulos |
| Open-plan offices | V. Hongisto, M. Yadav |
| Measurement and uncertainty in room acoustics | G. Behler |
| Multi-objective modeling and optimization: the importance of the acoustic performance. | L. Shtrepi, B. Peters |
| New frontiers in classroom acoustics | A. Astolfi, N. Prodi |
| On the dimension of room acoustical perception | T. Lokki |
| Trade-off between acoustic comfort and other environmental comfort | W. Yang |



| | |
|---|------------------------------------|
| Variable acoustics in auditoriums | J. Jagla, W. Ahnert |
| Virtual acoustics in architectural and urban design | (null) |
| Voice production and perception in occupational and leisure settings | V. Lyberg Ahlander, E. Hunter |
| Wave-based room simulations | B. Hamilton, S. Bilbao |
| | |
| Signal Processing in Acoustics: General | S. Dos Santos |
| Classification, identification and localization of acoustic sources | L. Girin |
| Compressive sensing and sparse signal reconstruction | E. Fernandez Grande, S. Dos Santos |
| Measurement techniques and sensors | S. Dos Santos |
| Microphones/sensors arrays | E. Bavu, Q. Leclere, J.-H. Thomas |
| Reverberation signal processing for complex medium | S. Dos Santos |
| Signal and instrumentation | R. Longo, S. Manigot |
| Signal processing for airborne and ground-borne noise | S. Dos Santos |
| Signal processing for nonlinear acoustics | S. Dos Santos |
| Sound field control and 3D audio | S. Spors, P. Jackson |
| Spatial audio processing and headphone reproduction | M. Noisternig, J. Ahrens |
| Modelling of wave propagation in complex media: direct simulation and inversion | S. Naili, V.-H. Nguyen |
| | |
| | |
| Speech communication: General | F. Silva |
| Directivity and spatialisation of voice and musical instruments | P. Luizard, M. Kob |
| Experimental methods applied to musical instruments and singing voice : sensors, actuators, imaging, signal | J.-L. Le Carrou, T. Legou |
| Instrumental playing and singing: gesture, control, sound production and perception | C. Fritz |
| Models and numerical methods for musical instruments and singing voice | T. Helie, B. Elie |
| Speech quality in context | P. Luizard, S. Möller |
| Voice and Speech : signal approach and machine learning | H. Wang |
| | |
| Structural Acoustics and Vibration: General | A. Pelat |
| Advances in full field imaging for vibro-acoustics | M. Sécaïl, A. Pelat |



| | |
|--|------------------------------|
| Applications of noise and vibration research | K. Ege, A. Pelat |
| Enriched numerical methods in vibroacoustics | J.-D. Chazot |
| Experimental uncertainties | X. Carniel, C. Audoly |
| Inverse methods for vibro-acoustics issues | C. Pezerat, A. Berry |
| Mid and high frequency modeling in vibroacoustics | O. Guasch, L. Maxit |
| New techniques for passive vibration control of lightweight structures | E. Deckers, A. Pelat |
| Noise and vibrations from naval platforms | V. Meyer, T. Gaggero |
| Normalisation issues | X. Carniel, C. Audoly |
| Porous materials | F. Chevillotte, P. Bonfiglio |
| Results of the PBNv2 project | E. Deckers, J. Rejlek |
| Smart & architected materials & structures for vibroacoustic control | M. Ouisse, M. Collet |
| Vibroacoustics of composites panels | B. Roozen, K. Ege |