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1-2 [Invited] Design of a Source Array for the Rendering of a Desired Sound Field Using the Equivalent Source Method—Wan-Ho Cho, Wan-Ho Cho, 1 Jeong-Guon Ih, 2 1Korea Research Institute of Standards and Science (KRISS), Korea 2Korea Advanced Institute of Science and Technology (KAIST), Korea

1-3 [Invited] Is Sound Field Control Determined at All Frequencies? How Is it Related to Numerical Acoustics?—Franz Zotter, 1 Sascha Spors, 2 1University of Music and Performing Arts Graz, Graz, Austria 2University of Rostock, Rostock, Germany

PAPER SESSION 2: SOUND FIELD CONTROL THEORY AND APPLICATIONS—PART 2

2-1 [Invited] Sound Field Reproduction of Real Flight Recordings in Cabin Mock-up—Philippe-Aubert Gauthier, Cédric Camier, Olivier Gauthier, Yann Pasco, Alain Berry, Université de Sherbrooke, Sherbrooke, Ontario, Canada, and CIRMMT, McGill University, Montreal, Quebec, Canada

2-2 On the Potential for Scene Analysis from Compact Microphone Arrays—Glenn Dickins, 1 David Gunawan, 1 Dong Shi, 2 1Dolby Laboratories, Sydney, NSW, Australia 2Dolby Laboratories, Beijing, China

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POSTERS

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P-4 Loudspeaker Array Processing for Multi-Zone Audio Reproduction Based on Analytical and Measured Electroacoustical Transfer Functions—Ferdinando Olivieri, 1 Mincheol Shin, 1 Filippo Fazi, 1 Philip A. Nelson, 1 Peter Otto, 1 1Institute of Sound and Vibration Research, Southampton, UK 2University of California San Diego, San Diego, CA, USA

P-5 The Uncanny Valley of Spatial Voice—Glenn Dickins, 1 Xuejing Sun, 1 Richard Carteright, 1 David Gunawan, 1 Dolby Laboratories, Sydney, NSW, Australia 2Dolby Laboratories, Beijing, China

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P-10 Relaxation Effects of Binaural Phenomena—Zlatko Baracskai, Saoirse Finn, Birmingham City University, Birmingham, UK

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1University of Surrey, Guildford, Surrey, UK
2Bang & Olufsen, Struer, Denmark

4-2 Cognitive Maps in Spatial Sound—Peter Lennox, University of Derby, Derby, UK

4-3 Perception of Reconstructed Sound-Fields: The Dirty Little Secret—Anthony Tucker, William Martens, Glenn Dickins, Michael P. Hollier
1The University of Sydney, Sydney, NSW, Australia
2Dolby Laboratories Australia, Sydney, Australia
3Dolby Laboratories, San Francisco, CA, USA

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1University of Surrey, Guildford, Surrey, UK
2Bang & Olufsen, Struer, Denmark

5-2 A Comparative Performance Study of Sound Zoning Methods in a Reflective Environment—Marek Olik, Jon Francombe, Philip Coleman, Philip J. B. Jackson, Martin Olsen, Martin Møller, Russell Mason, Soren Bech
1University of Surrey, Guildford, Surrey, UK
2Bang & Olufsen, Struer, Denmark

5-3 Sound Zones: Scattering Study with Head and Torso Simulator—Martin Olsen, Martin Bo Møller, Bang & Olufsen AS, Struer, Denmark

5-4 A Comparison of Control Strategies for a Car Cabin Personal Audio System—Jordan Cheer, Stephen J. Elliott, University of Southampton, Southampton, UK

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1Technical University of Denmark, Lyngby, Denmark
2Bang & Olufsen, Struer, Denmark

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1University of Southampton, Southampton, UK
2Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea

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1University of Waterloo, Waterloo, Ontario, Canada
2B &W Group Ltd., Steyning, West Sussex, UK

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1Fraunhofer Institute for Digital Media Technology IDMT, Ilmenau, Germany
2Fraunhofer Institute for Telecommunications FhG HHI, Ilmenau, Germany
3University Erlangen-Nuremberg, Erlangen, Germany

9-2 [Invited] Quasi Wave Field Synthesis: Efficient Driving Functions for Improved 2.5D Sound Field Reproduction—Dylan Menzies, De Montfort University, Leicester, UK

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9-4 Multichannel-to-Wave Field Synthesis Upmixing Technique Based on Sound Source Separation—Keunwoo Choi, Tae Jin Park, Jeongil Seo, Kyungsok Kang, Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea