RBA - OH Opera house acoustics

Structured Session
Organizer: Roberto Pompoli
Chairmen: Roberto Pompoli, Carmine Lanniello

735-0 keynote Carmine Ianniello
An acoustic catalogue of historical Italian theaters for opera

120-1 invited Lamberto Tronchin, Valerio Tarabusi
Variation of sound properties in the stage and orchestra pit of two European opera houses

177-0 invited Gino Iannace, Luigi Maffei
Measurement of the transient sound-intensity above a boxed surface with reference to the behaviour of boxes in Italian style historical theatres

231-0 invited Daniel E. Commins
The design and renovation of opera houses: unexplored components

283-0 invited Ettore Cirillo, Francesco Martellotta
On the acoustics of the “Teatro Piccinni” in Bari (Italy)

287-1 invited Shin-ichi Sato, Yong Hee Kim, Jin Yong Jeon, Nicola Prodi
Subjective evaluation of the balance between a singer and instruments inside opera houses

301-0 invited Jin Yong Jeon, Su Yeon Kim, Densil Cabrera, John Bassett
The effect of visual input on the evaluation of the acoustics in an opera house

370-0 invited Ingo B. Witew, Gottfried K. Behler
Uncertainties in measurement of single number parameters in room acoustics

592-0 invited Emmanuel Merida, Catherine Semidor
Attic refurbishment at the Grand Theatre of Bordeaux into a ballet rehearsal room

636-0 invited Arianna Astolfi, Raffaele Pisani, Marco Masoero, Alessandra Bortolotto, Juan Ramon Del Toro Ibañez
Acoustical characterisation of small Italian opera houses

673-0 invited Nicola Prodi, Andrea Farnetani, Shin - ichi Sato, Gottfried K. Behler, Ingo Witew
Qualification of balance in opera houses: comparing different sound sources

726-0 invited Takayuki Hidaka, Yoshinari Yamada, Takehiko Nakagawa
A new definition of boundary point between early reflection and late reverberation in room impulse response

736-0 invited Raffaele Dragonetti, Carmine Ianniello, Rosario Romano
A study about the improvement of the dynamic range of Schroeder plots by the method of the two impulse responses product

902-0 invited Alessandro Cocchi, Marco Cesare Consumi, Ryota Shimokura
New ideas for a link between objective measurements and architecture in an ancient Italian opera house