

# CLEMETH ABERCROMBIE

## SENIOR CONSULTANT



### Qualifications

B.S. in Sytems Engineering at University of Illinois, Urbana-Champaign  
M.S. in Architectural Acoustics at Rensselaer Polytechnic Institute in Troy, New York

### Professional Associations

Acoustical Society of America  
Audio Engineering Society

### Conference Attendance

International Congress on Acoustics  
Audio Engineering Society Convention

### Publications

Acoustic re-radiation of structurally coupled instruments by stage floors and orchestra risers. (Lecture) J. Acoust. Soc. Am., 131(4):3358. Hong Kong, May 2012.

Variable acoustics systems and their impact on concert platforms. (Lecture) J. Acoust. Soc. Am., 130(4):2457. San Diego, California, November 2011.

Adjustable Experiences: Workshop on variable acoustics in large spaces for music (Lecture). McGill University, Montreal, Quebec. April 7, 2011.

Perceptual Dimensions of Stage-Floor Vibration Experienced During a Musical Performance. In Proc. Audio Engineering Society 129th Convention, November 2010.

### Main Responsibilities

To provide project management and design consultancy for all aspects of theater design with a specific emphasis on auditorium planning and acoustics.

### Experience

Clemeth has twelve years' experience working in theatre including ten years as a consultant with Artec Consultants and Arup serving as a project manager and designer for several of their major international arts venues. He also served as a concert sound engineer, production manager, and stage hand in the central Illinois region for seven years with clients including the Krannert Center for the Performing Arts and Technotrix. His work spans disciplines ranging from auditorium design and facility planning, to room acoustics design and noise control. Clemeth's particular interest in combining experience in real-world venues with a theoretical base leads him to creative design solutions rooted in reality.

He has worked with orchestras including l'Orchestre Symphonique de Montréal and the Iceland Symphony Orchestra in the course of their opening seasons in new concert halls.

### Consultancy for Arup

Douglas Gordon and Hélène Grimaud's *tears become... streams become...* at the Park Avenue Armory, New York City, USA (complete)

Maya Lin's Sound Ring, Ithaca, New York, USA (complete)  
Libreville Conference Center, Libreville, Gabon (in construction)

Wilson Opera House Memorial Outdoor Performance Space, Wilson, Kansas, USA (in design)  
MGM Grand Cotai Spectacle, Macau (in design)  
Grenada House of Parliament, Grenada (in design)

### Consultancy for Artec

La Maison Symphonique, Montréal, Québec, Canada (complete)

Elma Arts Complex, Zichon Ya'acov, Israel (complete)  
Harpa, Reykjavík, Iceland (complete)

House of Music, Aalborg, Denmark (complete)  
Darat King Abdullah II Performing Arts Center, Amman, Jordan (incomplete)  
West Kowloon Cultural District, Hong Kong (master planning)

### Consultancy for Daly-Standlee and Associates

Broadway Rose Theater, Tigard, Oregon, USA  
Spirit Mountain Casino Events Center, Grande Ronde, Oregon, USA

### Consultancy for Charcoalblue:

La Mama, New York  
TheaterSquared, Arkansas

### Contact Details

clemeth.abercrombie@charcoalblue.com  
+1-212-461-1168