

## **Keynote 1**

### **Professor Herbert Einstein**

MIT, USA

#### **Keynote Title**

**Construction and Operation of Tunnels in the  
Urban Environment - A Risk Based  
Approach**



Professor Herbert H. Einstein of Civil and Environmental Engineering at the Massachusetts Institute of Technology, received his Dipl. Ing. and Sc. D. in Civil Engineering from ETH-Zürich. His teaching and research areas are underground construction, rock mechanics and engineering geology. Professor Einstein has been involved as an advisor, consultant and researcher in issues related to underground construction, rock mechanics and rock engineering and natural hazards, notably landslides, and in waste repository problems. He has been and is member of a number of national and international technical/scientific committees and advisory boards; he is also co-editor of the journal, Rock Mechanics and Rock Engineering and member of the editorial board of Tunnelling and Underground Space Technology.

Professor Einstein is author or co-author of over 250 publications in his areas of expertise. He was the recipient of several awards such as the prestigious Müller lecture of the International Society for Rock Mechanics, the “Outstanding Contributions to Rock Mechanics” award of the American Rock Mechanics Association and the Outstanding Educator Award” of the Underground Construction Association of the SMME. He also received several teaching awards from his Department and from the School of Engineering.