

The Concrete Convention and Exposition — Fall 2016

International Lunch

Sunday, October 23, 2016 • 11:30am – 1:30pm • \$30 US

Engineering the Impossible— Sustainable Concrete Solutions for Day-to-Day Applications to Supertall and Slender Skyscrapers



The American Concrete Institute is honored to welcome Andreas Tselebidis to The Concrete Convention and Exposition in Philadelphia, PA, as the International Lunch Guest Speaker.

Tselebidis will give a presentation on Engineering the Impossible—Sustainable Concrete Solutions for Day-to-Day Applications to Supertall and Slender Skyscrapers. We are building more than ever before, and the sky seems to be the limit. The challenges of a growing population and the change in urban living as well as environmental risks are key variables that determine how we are going to build. Concrete as the vast manmade

used material has been evolving over the past centuries and has given humankind the ability to build more efficient and to save resources. Nevertheless, natural resources are depleting and we have to make sure that whenever we build, we build with the mindset of creating something to last longer compared to the past. In the future we will live predominately in cities, which will require an environmental focused construction with long-lasting structures—structures that will be able to resist deterioration and improve on impacts like ASR, chloride penetration, abrasion, sulfate attack, and carbonation. The emphasis of this presentation will be on ecologically efficient, sustainable, and durable concrete for day-to-day application as well as concrete designed for superstructures.

One of the key aspects is to evolve concrete to a more sustainable material and maintain or improve current design and construction practices.

Andreas Tselebidis is Director of Concrete Technology & Solutions in the Admixtures Systems Group of BASF Construction Chemicals and is located in New York, NY. In his role, Andreas is responsible for the initiation, evaluation, and implementation of Green Sense Concrete technologies that address wide spread concrete performance issues in sustainable superstructures.

Tselebidis has been with BASF for more than 15 years. He started working out of Germany as the head of concrete research and development. His roles consisted of the evaluation and implementation of worldwide research projects for concrete and mortars. In 2008, Tselebidis moved to the United States to support important construction projects such as 432 Park Avenue, the World Trade Center Towers and many more.

Tselebidis has authored more than 30 technical papers in various concrete industry journals and has been an invited guest speaker for numerous international concrete industry events. He has nine patents on concrete technology.

Currently, Tselebidis is responsible for the global implementation of sustainable concrete solutions on signature projects worldwide.

The Concrete Convention and Exposition will take place at the Philadelphia Marriott Downtown in Philadelphia, PA, October 23-27, 2016. Visit www.aciconvention.org before September 25, 2016, to register for the International Lunch and the convention!



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