

**Call for Abstracts**  
**1<sup>st</sup> International Conference  
on Stone Matrix Asphalt**

**November 5–7, 2018  
Westin Peachtree Plaza Hotel  
Atlanta, Georgia**

[www.AsphaltPavement.org/SMAconference](http://www.AsphaltPavement.org/SMAconference)



**NATIONAL ASPHALT  
PAVEMENT ASSOCIATION**

On November 5–7, 2018, the National Asphalt Pavement Association with support from the Federal Highway Administration will host the 1st International Conference on Stone Matrix Asphalt (SMA) in Atlanta, Georgia. SMA, also called stone mastic asphalt, was developed in Germany in the 1960s to provide heavily trafficked roads with a durable, rut-resistant wearing course using a gap-graded aggregate structure and a modified asphalt binder at elevated asphalt contents. SMA has been used worldwide for almost 50 years, and it has been used in the United States for the past 25 years, but only a handful of states have implemented it widely. Since its introduction to the U.S., SMA technology has evolved which may make it beneficial in broader applications. This conference will capture advancements made in SMA mixtures and pavements over the past 25 years.

NAPA and FHWA invite researchers, agencies, and practitioners from around the world to submit abstracts for presentation at the conference. Abstracts are sought for oral sessions discussing high-performance gap-graded mixtures (such as SMA) and the following topics:

- Case studies of SMA in the field
- Impact of SMA material properties and design on improved performance
- Best practices and lessons learned for design, production, and construction of SMA
- Use of resource responsible materials (i.e., RAP, RAS, and recycled tire rubber) in SMA
- Life-cycle cost analysis of SMA mixtures
- Life cycle assessment of SMA mixtures
- Laboratory performance testing of SMAs
- Production and construction of SMA using WMA technology
- Alternative mixture designs for high-performance gap-graded mixtures

**Abstract Requirements:**

Title of Paper

Authors and Affiliations

A clear and concise abstract body (300-word maximum) in English

Disclosure of any conflicts of interest

**Abstracts should be submitted via e-mail to [smconference@asphaltpavement.org](mailto:smconference@asphaltpavement.org) by April 2, 2018. Abstracts will be reviewed by April 6, 2018, and, if accepted, submitters will be asked to prepare a draft paper (12 pages maximum, following TRB formatting) by June 4, 2018, for review. Upon completion of the review, all comments must be addressed by August 27, 2018, for inclusion in the conference proceedings. English is the official language of the conference.**

*Abstracts are reviewed by members of the conference committee. Their decisions on acceptance and other recognition will be final. The committee is not obligated to provide feedback to abstract authors regarding final decisions.*