



16<sup>TH</sup> NORTH AMERICAN

# Mine Ventilation



SYMPOSIUM

The North American Mine Ventilation Symposium is organized by the Underground Ventilation Committee (UVC) of the Society for Mining, Metallurgy and Exploration (SME). Since the first Symposium in 1982, the UVC has sought to provide mine ventilation engineers and technicians in the underground coal, metal, and industrial mineral mining industry with the latest information and operating practices from the field and promote the exchange of ideas and research in a variety of related areas to include the monitoring of air contaminants, determining fresh air requirements, and producing power efficient ventilation and cooling systems.

## TOPICS

The 16th Symposium will be held from June 17 through 22, 2017 at Colorado School of Mines in Golden, Colorado USA. Topics that will be explored during the Symposium include:

- Ventilation planning
- Ventilation design and economics
- Spontaneous combustion
- Mine fires and explosions
- Methane and gas control
- Computer applications
- Ventilation monitoring
- Air cooling and refrigeration
- Main and booster fans
- Auxiliary ventilation
- Mine dust control
- Mine management and organization of ventilation
- Ventilation on demand
- DPM control and management
- Alternatives to diesel equipment
- Underground mine ventilation training and competence
- Controlled recirculation
- Research needs

## COURSES

A number of short courses will be offered at the Symposium. Colorado School of Mines will provide Continuing Education certificates for licensed professional engineers for participation in the courses.

- Diesel emissions control
- Mine refrigeration, air conditioning
- Introduction to CFD modeling
- Mine dust control
- Fire modeling
- Ventilation design for deep mines
- Coal mine explosion prevention

## PAPERS

The Symposium provides an excellent opportunity for sharing knowledge through presentations. The preliminary schedule for submittal of papers is shown below.

- February 1, 2016 :: Call for papers
- May 1, 2016 :: Abstracts due; review begins
- July 1, 2016 :: Abstract decisions to authors
- October 1, 2016 :: Final papers due
- January 31, 2017 :: Peer review decisions
- February 1, 2017 :: Final program posted
- March 1, 2017 :: Final papers to editor
- June 19 - 21, 2017 :: Technical sessions

## WEBSITE

Full information about the 16th North American Mine Ventilation Symposium can be found on the web at: [csmospace.com/events/minevent16](http://csmospace.com/events/minevent16)

**Questions?** Please contact Dr. Jürgen F. Brune, [jbrune@mines.edu](mailto:jbrune@mines.edu)