Ventilation Best Practices Workshop

There are many papers and presentations made that describe the analytical approach to developing ventilation systems and solving problems. However, before a ventilation system goes through a formal design process many configuration issues can be resolved or initialized through the application of general design best practices. This also carries through to the implementation of the ventilation design into the actual mining environment. This course will cover the areas of:

- Location of raises on production levels
- Interaction of the level raises and ore passes
- Level auxiliary ventilation layouts and design
- Ventilation system design with respect to minimization of DPM
- Ventilation design with the goal of minimization of heat loads
- General fan layouts for both subsurface and surface installations
- General ventilation configuration considerations to minimize the chance for spontaneous combustion in coal mines
- General considerations for forcing/exhausting ventilation systems with regards to coal mine gob regions and areas with active combustion.

This course will not cover detailed design analysis. Throughout the symposium there will be many papers and case studies presents that will describe the analytical design process. This course will identify general industry best practices.

This course will be presented by Mr. Daniel Stinnette, M.S., Mr. John Bowling M.S., and Mr. Brian Prosser B.S., of Mine Ventilation Services Inc.