

Speaker Bio's

Tech 2-1: Steptoe & Johnson-David Flannery

Attorney Dave Flannery is a member of the Charleston (WV) Law Firm of Steptoe & Johnson. He represents the electric power industry on air quality and climate change through the Midwest Ozone Group, which includes Ameren, City of Springfield, IL, Duke, AEP and others.

Tech 2-2: Joy Global-Phil Rosenstern

Phil Rosenstern is an electrical engineer in the Controls and Automation group of Joy Global in Franklin, PA. His primary efforts over the past 3 years have been focused upon implementation of proximity detection systems to underground mining equipment.

Tech 2-3: GE – Mining; Dann Gwyn

Dann Gwyn began his career with GE after graduating with an MBA from the Tepper School of Business at Carnegie Mellon. Dann entered GE through the Experienced Commercial Leadership Program (ECLP) where he has held a variety of roles before settling in his current role as a Sr. Product Manager in GE's Mining business. In this position he is responsible for new product development and bringing innovative technology to underground mining space. Prior to joining GE, Dann has held several positions with various companies in the aerospace and defense industries where he has experience developing and commercializing new technology. Dann graduated college with a B.S in Electrical and Computer Engineering from the University of Rochester.

Tech 2-4- Caterpillar-Petty

Daniel Petty is currently a New Product Introduction project manager at Caterpillar working in the Room & Pillar product group. He has a degree in mechanical engineering and an MBA from Virginia Tech. He started his career by spending 5 years with DBT and Bucyrus working as a hydraulic engineer in their Room & Pillar Division. For the next 3 years he spent time at both Universal Orlando and The Walt Disney Company in Florida working as a ride engineer in the theme parks. He transitioned back to the underground mining OEM business shortly after the Caterpillar acquisition of Bucyrus.

Tech 2-5- Cheatham and Clay -HDR Engineering

Butch W. Cheatham is a Civil Engineer with HDR, Engineering located at Murphysboro, Illinois. Butch has a Bachelor of Science degree from Southern Illinois University in Civil Engineering and 16 years of experience in the field.

Joshua D. Clay is also a Civil Engineer with HDR Engineering. He is a Licensed Professional Engineer in Illinois with a Bachelor of Science in Civil Engineering from Southern Illinois University and 8 years of experience in the field.

Tech 2-6: Joseph Hirschi - ICCI

Dr. Joseph Hirschi joined the Illinois Clean Coal Institute as Project Manager in 2002. Prior to that, he spent 15 years working at a southern Illinois coal mine in various engineering and supervisory roles including mine safety, materials handling and conveyor systems, and coal preparation. He holds B.S. and M.S. degrees in Mining Engineering and a M.B.A. degree from the University of Utah, and recently completed a Ph.D. in Engineering Science from Southern Illinois University Carbondale.