

## Distinguished Service Award

The Distinguished Service Award is the highest level of recognition in the explosives industry. Nominees should have demonstrated leadership and made a significant contribution to the explosives industry. In addition, the nominee should represent the highest standards in blasting.



Dale Preece.

### Dale S. Preece, Ph.D.

This award recipient is a hardworking, dedicated and well-recognized engineer and scientist. He is also a very strong supporter of ISEE. His career and curious nature have taken him to various locations in the US, Canada, Australia and beyond.

He spent 27 years working at

Sandia National Labs working on a wide variety of projects ranging from sand production in oil wells, to explosive devices, to IEDs, to military and defense applications. Through that part of his career, he served different government agencies such as Department of Homeland Security, Department of Defense, and the Nuclear Regulatory Agency. He retired from Sandia National Labs after 27 years of service as a Distinguished Member of the Technical Staff. He then moved to the private sector a senior technology manager in the technology, analytics and automation group at Orica Mining Services.

Through his career, he authored 135 technical papers and journal articles on a variety of topics. He also contributed to several books, including the *ISEE Blasters' Handbook*. He has been invited to present a number of keynote addresses at conferences over the years. Professional service has been an important part of his career and includes membership and chairing various committees for organizing conferences and publishing journals. These include the FRAGBLAST International Organizing Committee and the ISEE Program Committee. He is also an editor of the *ISEE Blasting and Fragmentation Journal*.

He has been the recipient of many awards including the ISEE President's Award and Sandia award for "Individual Exceptional Service." He lives and works in Saratoga Springs, Utah. He and his wife Shauna are very involved in their local church and community. They raised three children and have 12 grandchildren.



Finn Ouchterlony.

### Dr. Finn Ouchterlony

Dr. Finn Ouchterlony graduated from KTH Royal Institute of Technology in Europe. His skills include fracture mechanics, blast damage, and blast fragmentation.

After 20 years of employment with Atlas Copco, he moved on to spend more than 20 years utilizing his knowl-

edge and expertise in blasting research.

With his long history and experience of working with industry related explosives and blasting projects, he co-authored several project papers including: "Downhole Abrasive Jet Cutting Operations in Quarrying, Mining and Civil Engineering" and "Less Fines Production in the Aggregate and Industrial Minerals Industry."

He was the coordinator of the International Society of Rock Mechanics Working Group on fracture toughness testing of rock. He is a member of the editorial boards of many published journals including: *ISEE's Blasting and Fragmentation Journal*, *International Journal of Rock Mechanics and Mining Sciences*, and *Rock Mechanics and Rock Engineering*.

He is a member of the FRAGBLAST International Organizing Committee. He discovered the Swedish Blasting Research Centre distribution during the Less Fines project, which led to his receiving the Douglas Hay award in 2005. He is a longtime member of ISEE.

