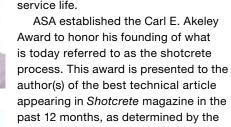
2019 Carl E. Akeley Award

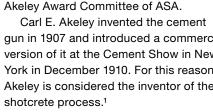


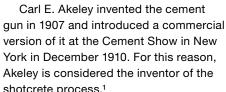
Akeley

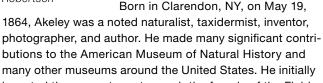
Award was presented to William Clements and Kevin Robertson, King Packaged Materials Company, for their article, "Compatible Shotcrete Specifications and Repair Materials," published in Shotcrete magazine, Spring 2019. This article discusses how shotcrete is used for concrete repairs with correct test methods and using the right shotcrete material to provide a long service life.

he 14th annual Carl E. Akeley









butions to the American Museum of Natural History and many other museums around the United States. He initially invented the cement gun to repair the façade of the Field Columbian Museum and later used it to improve the quality of his taxidermy exhibits at the museum. Akeley made five expeditions to Africa, during which time he procured many animals for museum exhibits. President Theodore Roosevelt accompanied him on one of those expeditions and encouraged him in his development of the cement gun. During his fifth expedition to Africa, he contracted a virus and died on November 17, 1926.



1. Teichert, P., "Carl Akeley—A Tribute to the Founder of Shotcrete," Shotcrete, V. 4, No. 3, Summer 2002, pp. 10-12.



Kevin Robertson (second from left) accepting the 2019 Carl E. Akeley Award with Ryan Poole, ASA President (left); Ted Sofis, ASA member; and Charles Hanskat, ASA Executive Director (right)

PAST AKELEY AWARD RECIPIENTS

- 2006 Dufour, Reny, and Vézina, "State-of-the-Art Specification for Shotcrete Rehabilitation Projects"
- 2007-K. F. Garshol, "Watertight Permanent Shotcrete Linings in Tunneling and Underground Construction"
- 2008-E. S. Bernard, "Embrittlement of Fiber-Reinforced Shotcrete"
- 2009—Dufour, Lacroix, Morin, and Reny, "The Effects of Liquid Corrosion Inhibitor in Air-Entrained Dry-Mix
- 2010-Dr. L. Zhang, "Is Shotcrete Sustainable?"
- 2011-C. S. Hanskat, "Shotcrete Testing-Who, Why, When, and How"
- 2012-R. Curtis White Jr., "Pineda Causeway Bridge Rehabilitation"
- 2013-Jolin, Nokken, and Sawoszczuk, "Sustainable Shotcrete Using Blast-Furnace Slag"
- 2014—Dr. L. Zhang, "Variability of Compressive Strength of Shotcrete in a Tunnel-Lining Project"
- 2015-E. Yurdakul and K.-A. Rieder, "Effect of Pozzolanic-Based Rheology Control Agent as a Replacement for Silica Fume"
- 2016—M. von der Hofen, "East End Crossing"
- 2017-Axel Nitschke, "Modeling of Load-Bearing Behavior of Fiber-Reinforced Concrete Tunnel Linings"
- 2018-Kyong-Ku Yun, "Cellular Sprayed Concrete"

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