



## Solution Mining Research Institute

105 Apple Valley Circle  
Clarks Summit, PA, USA

Telephone: +1 570-585-8092  
www.solutionmining.org



### TECHNICAL PAPER LIST WITH ALL AUTHORS (tentative 14 February 2019) TECHNICAL CONFERENCE, 8 - 9 April, 2017 - New Orleans, Louisiana

Author(s)	Organization(s)	Title
Tim Bauer	Sabine Storage and Operations, LLC	LOOP MIT Cavern 11 Well 5
Pierre Bérest (1) David Evans (2) Arnaud Reveillere (3) Markus Stöwer (4)	(1) Ecole Polytechnique (2) British Geological Survey (3) Geostock SAS (4) UGS	Review and Analysis of Historical Leakages from Storage Salt Caverns Wells
Kristen N. Chojnicki	Sandia National Laboratories	Cavern leaching at the SPR associated with 2017 oil sales and exchanges
Katarzyna Cyran (1) Michal Kowalski (1) Marek Cala (1) Pawel Wilkosz (2)	(1) AGH University of Sciences and Technology (2) Gas Storage Poland	Geomechanical Performance of Salt Caverns in a Long Term Numerical Stability Analysis
Gerald Daxner(1) Heimo Rud (1) Fritz H. Wilke (2) Stefan Kellerbauer(3)	(1) Salinen Austria AG (2) Atkins Energy Germany GmbH (3) Kellerbauer Geologie and Geotechnik	Optimizing Strategies for Brine Production as a Result of Salt Plant Modernization - a Case Example
Jason Furtney (1) Braden Hanna (2)	(1) Itasca Consulting Group, Inc. (2) Itasca Denver, Inc.	A Numerical Modeling Methodology for Solution Mine Cavern Growth and Produced Brine Grade
William Goodman (1) Timothy Bechtel (2) John M. Schneider (3) Crystal Hocking (3)	(1) The Sovereign Group of Companies (2) RETTEW (3) RESPEC	Integrate LiDAR and Historical Mapping to Locate Civil War Era Salt Pits at Avery Island, Louisiana
Samuel Gowan John Nadeau Trevor Gowan	Alpha Geological Services, D.P.C	Remediation and Final Resolution of Environmental Impacts Associated with the Retsof Salt Mine Collapse
Stephan Grosswig (1) Henk Dijk (2) T. Pfeffier (3) Michael Rembe (3) M. Perk (4) L. Domurath (5)	(1) GESO (2) Nouryon B.V. (3) Rembe Consulting (4) DEEP.KBB GmbH (5) AP Sensing GmbH	Leakage Detection in a Casing String of Brine Production Well by Means of a Simultaneous Fibre Optic DTS/DAS Measurement
Yang Haijun Zhou Donglin	Salt Cavern Gas Storage Technology Research Institute	Feasibility Study of Reconstruction of Gas Storage Based on Connected Existing Caverns
Werner Hartmann Norman Holenstein	Hartmann Valves and Wellheads	Latest developments in design of wellheads for oil cavern storages in Germany
Frank Hasselkus Paul Talley	SOCON Sonar Control Kavernenvermessung GmbH	Well and Storage Cavern Integrity Monitoring



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<b>Stefan Hoentzsch (1)</b> Jonathan Aubertin (2) John Voigt (3)	<b>(1) K+S Windsor Salt Ltd.</b> (2) Morton Salt Ltd. (3) Voigt Mining and Geotechnical, Inc.	Geology of the Weeks Island Salt Dome with a Focus on the Current 1500' Level of the Morton Salt Mine
<b>Keith Jenkins Sr.</b> and Dustin M. Dell	<b>Eventure Global Technology</b>	The Value of Solid Expandable Tubulars in Cased-hole Environments
<b>Jürgen Kepplinger</b> Olaf Kruck Andreas Acht	<b>DEEP.KBB GmbH</b>	Enabling Long-term Storage Integrity Management by Linking Stand-alone Well Integrity Checks
<b>Dickson Lee (1)</b> Eslam Soliman (2) Mahmoud Reda Taha (2)	<b>(1) Big Gun Energy Services, Inc.</b> (2) University of New Mexico	Innovative Mechanical Integrity Tests for Solution-mined Caverns Using Distributed Temperature Sensing (DTS) Technology
<b>Byoung Y. Park</b>	<b>Sandia National Laboratories</b>	Assessing Potential Risk of Loss in Integrity of the Sidewall of BC-20 Located Near the Edge of the Salt Dome
<b>Evan Passaris (1)</b> John Wood (2)	<b>Atkins Limited (1)</b> InfraStrata PLC (2)	Project Islandmagee Energy - The Natural Gas Storage Facility in Northern Ireland
<b>Brandon Schulte (1)</b> David Stilson (2)	<b>(1) WSP USA</b> (2) Energy Transfer Partners	Plugging and Abandonment of West Texas Salt Cavern Wells
<b>Corey Shircliff</b> Melissa Ashour Andre Benoit Crystal Dunn	<b>Louisiana Department of Natural Resources - Injection and Mining Division</b>	Infamous Salt Failures in Louisiana and Subsequent Impacts on the Regulatory Impact
<b>Dirk Zapf</b>	<b>Leibniz University Hannover - Institute for Geotechnics</b>	Influence of Infiltration Fractures on the Stress Field in the Vicinity of Gas Storage Caverns in Rock Salt