

The International Conference on Shape Memory and Superelastic Technologies (SMST) is the leading worldwide conference and exposition for the shape memory and superelastic technologies.

→ Visit us at booth # 1+2

**Tuesday, May 14, 2019, 3:45 PM - K2**

**Ultra-Short Pulse Lasers And Their Application Potential Micromachining Nitinol Implants**

Martin Baumann, Lucas Bittigkoffer, Dr. Nils-Agne Feth - ADMEDES GmbH

**Tuesday, May 14, 2019, 4:00 PM - Saal 8 (Hall 8)**

**NiTiPd Shape Memory Alloys for Sensor and Actuator Applications**

Andreas Keck, Katarzyna Plaskonka-Weisenburger - G.RAU GmbH & Co. KG

Jochen Ulmer - EUROFLEX GmbH

**Tuesday, May 14, 2019, 4:30 PM - K2**

**The Influence of the Heat Treatment Process on Important Application Properties of Nitinol Medical Devices**

Dr. Philipp Hempel, Steffen Peischl - ADMEDES GmbH

**Wednesday, May 15, 2019, 10:45 AM - Saal 8 (Hall 8)**

**Surface Treatment Dependent Corrosion Resistance Of Nitinol Wires After Deformation**

Stefan Zende, Dr. Franziska Dorner, Dr. Nils-Agne Feth - ADMEDES GmbH

**Wednesday, May 15, 2019, 11:00 AM - Saal 8 (Hall 8)**

**The Effects of Nitinol Purity and Surface Finish on Corrosion Susceptibility**

Dr. Srinidhi Nagaraja, Dr. Alan R. Pelton - G.RAU Inc.

Chris Braeuner - ADMEDES GmbH

**Wednesday, May 15, 2019, 11:45 AM - Saal 8 (Hall 8)**

**Wear Of Nitinol Wires As A Function Of Nitinol Micro-Cleanliness And Surface Treatment**

Dr. Franziska Dorner, Alexander Hegel, Dr. Nils-Agne Feth - ADMEDES GmbH

Dr. Alan R. Pelton, Dr. Srinidhi Nagaraja - G.RAU Inc.

**Thursday, May 16, 2019, 10:45 AM - K2**

**Phase Transformations II**

**Non-Destructive Methods for Nitinol Microstructure Characterization**

Katarzyna Plaskonka-Weisenburger, Andreas Keck - G.RAU GmbH & Co. KG

**Thursday, May 16, 2019, 11:00 AM - Saal 8 (Hall 8)**

**Consideration of the Significance of Cold Work for Fatigue of Nitinol Medical Implants**

Katarzyna Plaskonka-Weisenburger, Mr. Andreas Keck - G.RAU GmbH & Co. KG

Dr. Alan R. Pelton, Sean M. Pelton, Tim Jörn, Rainer Hoffmann - G.RAU Inc.

Dr. Jochen Ulmer - EUROFLEX GmbH

**Friday, May 17, 2019, 10:15 AM - K2**

**Performance Testing of Generic Heart Valve Frames Manufactured**

**From Different Material Qualities (Gen I-III)**

Chris Bräuner - ADMEDES GmbH

**Tuesday, May 14, 2019 - Saal 4 (Hall 4)**

**Characterization of depositions on laser welded components**

Julian Duttonhofer, Merve Konar, Gunter Gläßel, Chris Bräuner - ADMEDES GmbH

**Tuesday, May 14, 2019 - Saal 4 (Hall 4)**

**Fiber Laser Generated Surface Layer Characterization: Heat Affected Zone (HAZ) And Recast Layer**

Dr. Christian Kneis, Clara Böhm, Chris Braeuner, Dr. Philipp Hempel - ADMEDES GmbH