

Cardiovascular Implant Durability Conference (CVID) to be Held in October

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Shape Memory and Superelasticity associate editor Tom Duerig and editorial board member Alan Pelton, along with other renowned experts in the field, are part of the organizing committee for the Cardiovascular Implant Durability Conference to be held October 11–13, 2021, at the Asilomar Conference Center in Pacific Grove, California.

This event is intended to link anatomic and physiological conditions to implant design and to the engineering mechanics of fracture. CVID brings together experts in the fields of medicine, biomechanics, computational analysis,

and engineering testing from the medical device industry, academia, physicians, and regulatory agencies.

Shape Memory is also pleased to announce that a special issue based on topics from this conference is planned for publication in 2022. Organized by guest editors Dr. Harshad Paranjape of Confluent Medical Technologies and Dr. Srinidhi Nagaraja of GRAU, Inc., with the assistance of Dr. Duerig and Dr. Pelton, the special issue will feature review articles on very high cycle fatigue of Nitinol, pre-processing effects on Nitinol fatigue, advances in Nitinol modeling enabled by data-driven methodologies, boundary conditions and long-term implantation effects with cardiovascular Nitinol implants, and Nitinol corrosion and biocompatibility. An open call for solicitation of research articles for this issue is also planned. Please refer to <https://www.springer.com/journal/40830> for more information on the open call.

Further information on the CVID Conference and registration details can be found here: <https://cvidconference.org/>

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