
Event Agenda

CardioVascular Implant Durability Conference 2025

Sunday, October 12, 2025

- 4:00 PM - 4:00 PM

Asiolmar Hotel Check-in
Location: Lobby
- 7:00 PM - 10:00 PM

Welcome Reception
Location: Seascape

Monday, October 13, 2025

- 7:30 AM - 9:00 AM

Breakfast
Location: Crocker Dining
- 7:30 AM - 8:30 AM

Registration OPEN
Location: Merrill Hall
- 8:30 AM - 8:40 AM

Welcome
Location: Merrill Hall
- 8:40 AM - 9:10 AM

Opening Keynote
Location: Merrill Hall
- 9:10 AM - 9:40 AM

Pediatric heart valves growing with the patients
Location: Merrill Hall
Speaker: Pedro Del Nido
- 9:40 AM - 10:00 AM

Dynamic conditions in heart valve in tissue level
Location: Merrill Hall
Speaker: Michael Sacks
- 10:00 AM - 10:20 AM

Q&A / Discussion
Location: Merrill Hall
Speakers: Pedro Del Nido, Michael Sacks
- 10:20 AM - 10:40 AM

Break/Exhibits
Location: Merrill Hall
- 10:40 AM - 11:00 AM

Cardiac lead reliability: a fifty-year journey
Location: Merrill Hall
Speaker: Walt Baxter
- 11:00 AM - 11:20 AM

Chronic venous disorders
Location: Merrill Hall
- 11:20 AM - 11:40 AM

Dynamics of femoropopliteal arteries
Location: Merrill Hall
- 11:40 AM - 12:00 PM

Q&A / Discussion
Location: Merrill Hall
Speaker: Walt Baxter
- 12:00 PM - 12:55 PM

Lunch
Location: Crocker Dining

12:00 PM - 12:55 PM	Women's Networking Event Location: Woodlands North
1:00 PM - 1:20 PM	Carotid stenting and unresolved concerns Location: Merrill Hall Speaker: Caitlin Hicks
1:20 PM - 1:40 PM	Peri- and post-operative observation for complicated thoracic aortic aneurysm and dissections Location: Merrill Hall Speaker: Javairiah Fatima
1:40 PM - 2:00 PM	In-situ laser fenestration and impact on implant configuration Location: Merrill Hall Speaker: Jonathan Bath
2:00 PM - 2:20 PM	Recent development of medical imaging and image processing with AI techniques Location: Merrill Hall Speaker: Domenico Mastrodicasa
2:20 PM - 2:40 PM	Q&A / Discussion Location: Merrill Hall
2:40 PM - 3:00 PM	Break Location: Merrill Hall
3:00 PM - 3:50 PM	Student Presentation Location: Merrill Hall
3:50 PM - 4:50 PM	Panel Discussion Location: Merrill Hall
6:00 PM - 10:00 PM	Strolling Surf and Turf Cookout and Bonfire Sponsored by Confluent Location: Fire Pit below Crocker Dining Hall

Tuesday, October 14, 2025

7:30 AM - 9:00 AM	Breakfast Location: Crocker Dining
8:30 AM - 8:40 AM	Welcome & Announcements Location: Merrill Hall
8:40 AM - 9:20 AM	Day 2 Keynote Location: Merrill Hall Speaker: Charley Taylor
9:20 AM - 9:40 AM	FEA in the design process Location: Merrill Hall
9:40 AM - 10:00 AM	Q&A / Discussion Location: Merrill Hall Speaker: Charley Taylor
10:00 AM - 10:20 AM	Break/Exhibits Location: Merrill Hall
10:20 AM - 10:40 AM	Cardiac Fluid-Structure Interaction Models for Simulating Structural Heart Interventions Location: Merrill Hall Speaker: Boyce Griffith

10:40 AM - 11:00 AM	Patient-specific computational modeling of Endovascular aneurysm repair: State of the art and future directions Location: Merrill Hall Speaker: Stephane Avril
11:00 AM - 11:20 AM	TBD Location: Merrill Hall
11:20 AM - 11:40 AM	Predicting the Path to Heart Failure with Multiscale Models Location: Merrill Hall Speaker: Martin Pfaller
11:40 AM - 12:00 PM	Q&A / Discussion Location: Merrill Hall Speakers: Boyce Griffith, Stephane Avril, Martin Pfaller
12:00 PM - 12:55 PM	Lunch Location: Crocker Dining
1:00 PM - 1:20 PM	In silico model credibility Location: Merrill Hall Speaker: Jeff Bodner
1:20 PM - 1:40 PM	V&V40 Location: Merrill Hall Speaker: Brandon Lurie
1:40 PM - 2:00 PM	In-silico clinical trials Location: Merrill Hall Speaker: Alex Frangi
2:00 PM - 2:20 PM	ML/AI topic Location: Merrill Hall
2:20 PM - 2:40 PM	Q&A / Discussion Location: Merrill Hall Speakers: Jeff Bodner, Brandon Lurie, Alex Frangi
2:40 PM - 3:00 PM	Break Location: Merrill Hall
3:00 PM - 3:20 PM	Ultrahigh Cycle Fatigue of Nitinol Location: Merrill Hall Speaker: Dhiraj Catoor
3:20 PM - 3:40 PM	Nitinol wear Location: Merrill Hall Speaker: Brad James
3:40 PM - 3:50 PM	Q&A / Discussion Location: Merrill Hall Speakers: Dhiraj Catoor, Brad James
3:50 PM - 4:50 PM	Panel Discussion Location: Merrill Hall
6:00 PM - 7:00 PM	Dinner Location: Crocker Dining
7:00 PM - 10:00 PM	Exhibitor Night featuring Palmaz Wine Tasting and Live Music Location: Merrill Hall

7:30 AM - 9:00 AM	Breakfast Location: Crocker Dining
8:30 AM - 8:40 AM	Welcome Location: Merrill Hall
8:30 AM - 9:10 AM	Keynote Location: Merrill Hall Speaker: Stan Rowe
9:10 AM - 9:30 AM	Pediatric and patient specific devices, Big challenges to help small people Location: Merrill Hall
9:30 AM - 9:50 AM	Testing challenges in pediatric devices Location: Merrill Hall Speaker: Bev Tang
9:50 AM - 10:10 AM	Testing challenges for structural heart Location: Merrill Hall
10:10 AM - 10:25 AM	Q&A / Discussion Location: Merrill Hall
10:25 AM - 10:45 AM	Break / Exhibits Location: Merrill Hall Speakers: Bev Tang, Stan Rowe
10:45 AM - 11:05 AM	Venous stents and valves. Testing considerations vs arterial systems Location: Merrill Hall Speaker: Jeff Vogel
11:05 AM - 11:25 AM	Arteriovenous (AV) access devices Location: Merrill Hall
11:25 AM - 11:45 AM	Endovascular branch devices for visceral vessels Location: Merrill Hall
11:45 AM - 12:00 PM	Q&A / Discussion Location: Merrill Hall Speaker: Jeff Vogel
12:00 PM - 1:00 PM	Lunch Location: Crocker Dining Hall
12:00 PM - 1:00 PM	Advisor Lucheon Location: Woodlands North
1:00 PM - 1:20 PM	Optical digital image correlation (DIC) at the sub-mm scale in fatigue testing of NiTi z-specimens Location: Merrill Hall
1:20 PM - 1:40 PM	Degradable devices: issues assessing a device that is degrading nonuniformly Location: Merrill Hall
1:40 PM - 2:00 PM	Design and Material Considerations for Nitinol Devices with High Durability Requirements Location: Merrill Hall Speaker: Maximilien Launey
2:00 PM - 2:20 PM	Qualification of additional material suppliers Location: Merrill Hall
2:20 PM - 2:40 PM	Designing to anticipate supply chain issues/changes in suppliers, materials and processes Location: Merrill Hall

2:40 PM - 3:00 PM

Q&A / Discussion

Location: Merrill Hall

3:00 PM - 3:20 PM

Break / Exhibits

Location: Merrill Hall

3:20 PM - 4:20 PM

Assessing 3rd party labs; how do you hire a test lab?

Location: Merrill Hall

Speaker: Ray Boudreaux

4:20 PM - 4:50 PM

CVID Impact Talks

Location: Merrill Hall

7:30 PM - 10:00 PM

You're Invited to an Evening of Excellence! Special thank you to Gold sponsor Edwards

Location: Merrill Hall

Thursday, October 16, 2025

7:30 AM - 9:00 AM

Breakfast

Location: Crocker Dining

11:00 AM - 11:00 AM

Asilomar Hotel Check Out

Location: Lobby

12:00 PM - 1:00 PM

Lunch

Location: Crocker Dining Hall