



TUESDAY, FEBRUARY 6, 2024

AGENDA SUBJECT TO CHANGE

8:00 a.m. – 9:15 a.m. **Conference Breakfast**

9:15 a.m. – 9:20 a.m. **Opening Remarks**
Brendan Lee, M.D., Ph.D. (NAM)
TAMEST Board President

ENGINEERING SESSIONS:

9:20 a.m. – 9:50 a.m. **Colonel Tucker “Cinco” Hamilton**
United States Air Force

9:50 a.m. – 10:20 a.m. **Mark Papermaster**
AMD

10:20 a.m. – 10:50 a.m. **Vanessa E. Wyche (NAE)**
NASA Johnson Space Center

10:50 a.m. – 11:20 a.m. **2024 O’Donnell Award
Presentation: Engineering**
Ashok Veeraraghavan, Ph.D.
Rice University

11:20 a.m. – 11:30 a.m. **Break**

11:30 a.m. – 12:00 p.m. **Mary Beth Maddox Award
Ceremony and Recipient
Presentation**
Nidhi Sahni, Ph.D.
The University of Texas MD
Anderson Cancer Center

12:00 p.m. – 1:00 p.m. **Lunch**

12:15 p.m. – 1:00 p.m. **Anniversary Panel: Celebrating
20 Years of TAMEST**

Moderator:

Larry R. Faulkner, Ph.D.
The University of Texas at Austin

Panelists:

**Nobel Laureate Michael S.
Brown, M.D. (NAM, NAS)**
UT Southwestern Medical Center
**The Honorable Kay Bailey
Hutchison**

TAMEST Honorary Chair
Former United States Senator
Former United States
Ambassador to NATO

William T. Solomon
O’Donnell Foundation

SCIENCE SESSIONS:

1:00 p.m. – 1:30 p.m. **Petros Koumoutsakos, Ph.D.
(NAE)**
Harvard University

1:30 p.m. – 2:00 p.m. **Jian Zhou, Ph.D.**
UT Southwestern Medical Center

2:00 p.m. – 2:30 p.m. **Surya Ganguli, Ph.D.**
Stanford University

2:30 p.m. – 2:45 p.m. **Break**

2:45 p.m. – 3:10 p.m. **2024 O’Donnell Award
Presentation: Biological
Sciences**
Vincent Tagliabracci, Ph.D.
UT Southwestern Medical Center

3:10 p.m. – 3:35 p.m. **2024 O’Donnell Award
Presentation: Physical
Sciences**
Shengqian Ma, Ph.D.
University of North Texas

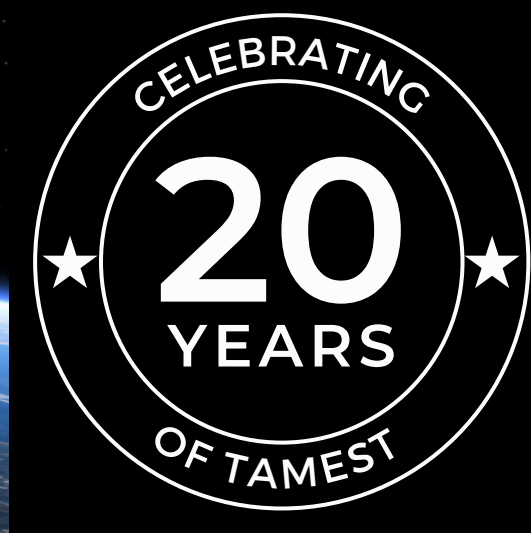
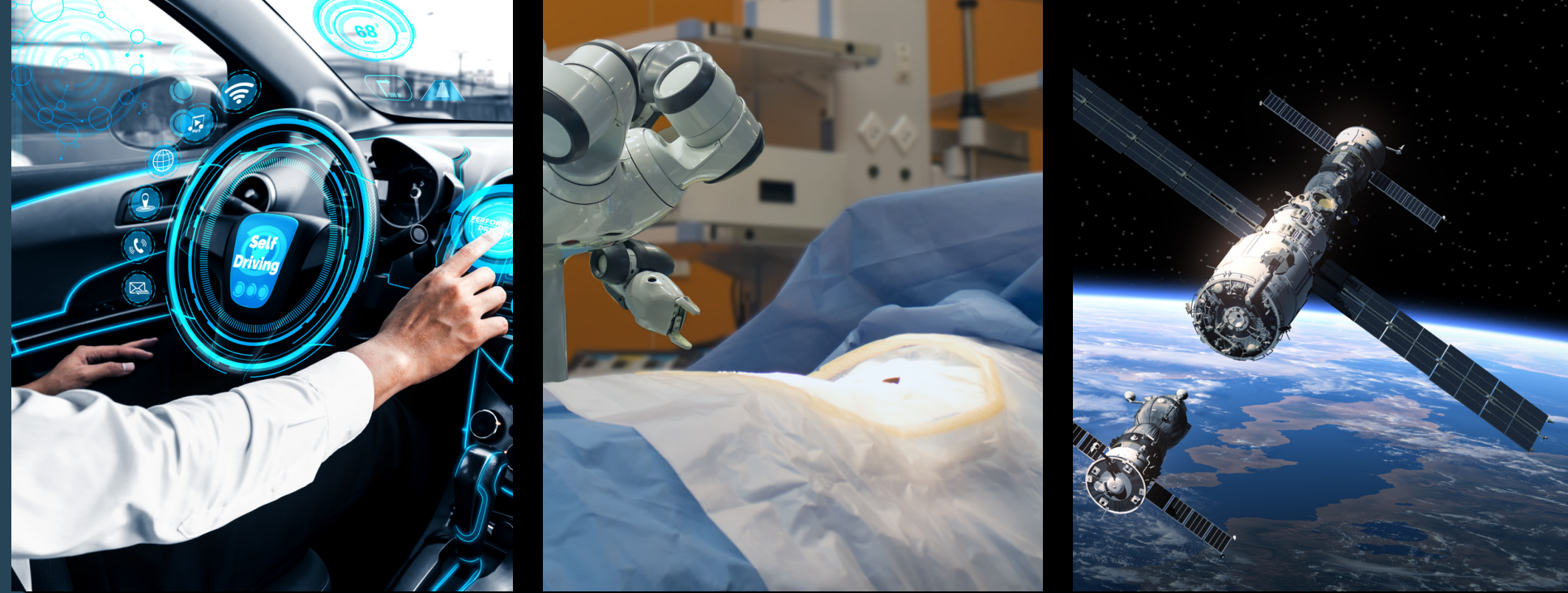
3:35 p.m. – 5:00 p.m. **Break**

5:00 p.m. – 6:30 p.m. **TAMEST Protégé Poster
Challenge Viewing and
Cocktail Reception**

*The 2024 TAMEST Protégé Poster Challenge is sponsored by
Shell Global Solutions U.S.*

6:30 p.m. – 10:00 p.m. **2024 Edith and Peter
O’Donnell Awards Ceremony
and Dinner**
Host:
Jere W. Thompson Jr.
Southwestern Medical
Foundation

*The 2024 Edith and Peter O’Donnell Awards Ceremony and
Dinner is sponsored by the O’Donnell Foundation.*



WEDNESDAY, FEBRUARY 7, 2024

AGENDA SUBJECT TO CHANGE

TECHNOLOGY SESSIONS:

The 2024 Technology Sessions are sponsored by Southwest Research Institute (SwRI).

- 7:30 a.m. – 9:00 a.m. **Conference Breakfast**
- 8:30 a.m. – 9:00 a.m. **Breakfast Session**
Chris Urmson, Ph.D.
 Aurora
- 9:00 a.m. – 9:30 a.m. **Robin Murphy, Ph.D.**
 Texas A&M University
- 9:30 a.m. – 10:00 a.m. **Douglas A. Brooks, Ph.D.**
 Southwest Research Institute
- 10:00 a.m. – 10:25 a.m. **2024 O’Donnell Award**
Presentation: Technology
Innovation
Kimberly A. Hambuchen, Ph.D.
 NASA Johnson Space Center
- 10:25 a.m. – 10:45 a.m. **Break**
- 10:45 a.m. – 11:15 a.m. **TAMEST Protégé Poster**
Challenge Finalists
Presentations

MEDICINE SESSIONS:

- 11:15 a.m. – 11:45 a.m. **David Glazer**
 Verily
- 11:45 a.m. – 12:15 p.m. **David Paydarfar, M.D.**
 The University of Texas at Austin

12:15 p.m. – 1:15 p.m. **Lunch**

Lunch is sponsored by Baylor College of Medicine.

12:30 p.m. – 1:15 p.m. **Lunch Panel: Ethics and Policy**
of AI – The Good Systems
Approach
Moderator:
Peter Stone, Ph.D.
 The University of Texas at Austin
Panelists:
Sherri R. Greenberg
 The University of Texas at Austin
Matthew A. Lease, Ph.D.
 The University of Texas at Austin
S. Craig Watkins, Ph.D.
 The University of Texas at Austin

1:15 p.m. – 1:45 p.m. **Caroline Chung, M.D.**
 The University of Texas MD
 Anderson Cancer Center

1:45 p.m. – 2:10 p.m. **2024 O’Donnell Award**
Presentation: Medicine
Benjamin Deneen, Ph.D.
 Baylor College of Medicine

2:10 p.m. – 2:15 p.m. **TAMEST Protégé Poster**
Challenge Winners Announced

2:15 p.m. – 2:20 p.m. **Closing Remarks and 2025**
Conference Preview

*Save the Date: TAMEST 2025 Annual Conference:
 Transformational Breakthroughs, February 4–6, 2025, The
 Westin Irving Convention Center at Las Colinas, Irving, Texas.*