

Conference Schedule at a Glance

Monday, April 9

7:00 a.m. – 5:00 p.m.
Registration Desk Open
 Ballroom Foyer

9:00 a.m. – 5:00 p.m.
Pre-Conference Short Course
Design and Analysis of Composite Materials for Aerospace Structures
 Ontario

12:00 p.m. – 6:00 p.m.
ASD Technical Committee Dynamics and Controls
 Carnegie

4:00 p.m. – 10:00 p.m.
ASD Technical Committee Space Engineering and Construction
 Huron

6:00 p.m. – 10:00 p.m.
ASCE Aerospace Division Executive Committee
 Chester

Tuesday, April 10

7:00 a.m. – 5:00 p.m.
Registration Desk Open
 Ballroom Foyer

7:00 a.m. – 8:00 a.m.
Continental Breakfast
 Ontario/Superior

8:00 a.m. – 10:00 a.m.
Conference Opening Session
 Lakeside Ballroom

Welcome Remarks
Robert K. Goldberg, PhD
 2018 Conference Chair

Overview: NASA Glenn Research Center
Rickey J. Shyne, PhD
 NASA Glenn Research Center

Preparing the Next Generation Civil Engineer
Kristina L. Swallow
 American Society of Civil Engineers

Speaker details on page 6

Conference Opening Session, Continued
 Lakeside Ballroom

Plenary Speaker
The Space Shuttle – Thirty Years of Flight with Lessons Learned from the Columbia Accident
Matthew Melis
 NASA Glenn Research Center
Speaker details on page 7

10:00 a.m. – 10:30 a.m.
Refreshment Break
 Ontario/Superior

10:30 a.m. – 12:00 p.m.
Concurrent Technical Symposia
 (see full conference schedule for details)

12:00 p.m. – 1:30 p.m.
Break for Lunch
 Lunch on your own

1:00 p.m. – 4:00 p.m.
Committee Meeting Journal of Aerospace Engineering (JAE)
 Erie Boardroom

1:30 p.m. – 3:00 p.m.
Concurrent Technical Symposia (cont.)
 (see full conference schedule for details)

3:00 p.m. – 3:30 p.m.
Refreshment Break
 Ontario/Superior

3:30 p.m. – 5:30 p.m.
Concurrent Technical Symposia (cont.)
 (see full conference schedule for details)

6:00 p.m. – 8:00 p.m.
Conference Reception NASA Glenn Visitor Center Robotics Demonstrations Undergraduate Student Research Posters
 Great Lakes Science Center
 (details on page 11)

Wednesday, April 11

7:00 a.m. – 5:00 p.m.
Registration Desk Open
 Ballroom Foyer

7:00 a.m. – 8:00 a.m.
Continental Breakfast
 Ontario/Superior

8:00 a.m. – 10:00 a.m.
Opening Plenary Session
 Lakeside Ballroom

Announcements

Presentation Student Competition Finalists
Details on page 15

10:00 a.m. – 10:30 a.m.
Refreshment Break
 Ontario/Superior

10:30 a.m. – 12:00 p.m.
Concurrent Technical Symposia
 (see full conference schedule for details)

12:00 p.m. – 2:00 p.m.
Awards Luncheon
 Lakeside Ballroom

Luncheon Speaker
The Road to Mars
Paul Wooster, SpaceX
Speaker details on page 9

2:00 p.m. – 3:30 p.m.
Concurrent Technical Symposia (cont.)
 (see full conference schedule for details)

3:30 p.m. – 4:00 p.m.
Refreshment Break
 Ontario/Superior

4:00 p.m. – 5:30 p.m.
Concurrent Technical Symposia (cont.)
 (see full conference schedule for details)

6:00 p.m. – 10:00 p.m.
ASD Technical Committee Regolith Operations, Mobility and Robotics (ROMR)
 Prospect

ASD Technical Committee Advanced Materials and Structures
 St. Clair

Thursday, April 12

7:00 a.m. – 12:00 p.m.
Registration Desk Open
 Ballroom Foyer

7:00 a.m. – 8:00 a.m.
Continental Breakfast
 Ontario/Superior

8:00 a.m. – 10:00 a.m.
Opening Plenary Session
 Lakeside Ballroom

Announcements

The Long Journey Toward the Integration of Materials, Structures, Signal Processing and Control

Plenary Speaker:
Robert E. Skelton, PhD
 Texas A&M
Speaker details on page 7

NASA Glenn Technology Panel
Details on page 18

10:00 a.m. – 10:30 a.m.
Refreshment Break
 Ontario/Superior

10:30 a.m. – 12:00 p.m.
Concurrent Technical Symposia
 (see full conference schedule for details)

12:00 p.m. – 12:30 p.m.
Closing Session

Closing Remarks
Robert K. Goldberg, PhD
 2018 Conference Chair

2020 ASCE Earth and Space Conference Announcement
Alania Dickason Roberts, PE
 2020 Conference Chair

12:30 p.m.
Conference Adjourns

1:00 p.m. – 5:00 p.m.
Post Conference Tours
 (see page 20 for details)