

Tentative Program

6th International Conference and Exhibition on

Mechanical & Aerospace Engineering

November 07-08, 2018 | Atlanta, Georgia, USA



Interactive
Sessions

Keynote
Lectures

Plenary
Lectures

Workshops

Exhibitors

B2B
Meetings

For available speaker slots

mechaero@enggconferences.com

6th International Conference and Exhibition on

Mechanical & Aerospace Engineering

November 07-08, 2018 | Atlanta, Georgia, USA

Program at A Glance

Day 1

Morning Sessions	Reception/Registration	08:00-09:00	
		Time	General Session
		09:00-09:15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	09:15-09:45	Keynote/Plenary Talk1
		09:45-10:15	Keynote/Plenary Talk2
		10:15-10:45	Keynote/Plenary Talk3
	Panel Discussions/ Group Photo		
	Coffee/Tea Break 10:45-11:00(Networking)		
11:00-12:40	Fluid Mechanics		
Evening Sessions	Lunch Break 12:40-13:30		
	13:30-15:30	Aerodynamics	
		Airship Design and Development	
	Coffee/Tea Break 15:30-15:45(Networking)		
	15:45-17:25	Flight Vehicle Navigation	
		Vehicle Systems and Technologies	
		Robotics and Mechatronics	
		Design and Development of Rockets	

Day 2

Morning Sessions		Time	General Session
		09:30-09:45	Keynote/Plenary Talk
	Least of 2 Keynote/Plenary Talks	09:45-10:15	Keynote/Plenary Talk4
		10:15-10:45	Keynote/Plenary Talk5
	Panel Discussions		
	Coffee/Tea Break 10:45-11:00(Networking)		
	11:00-12:40	Space Engineering	
		Design and Development of Rockets	
		Space Engineering	
Evening Sessions	Lunch Break 12:40-13:30		
	13:30-15:30	Bioengineering and Bio-Mechanics	
		Material Processing	
		Energy Processing	
	Coffee/Tea Break 15:30-15:45(Networking)		
	15:45-17:25	Mechanics, Dynamics and Controls	Industrial Engineering
		Video Presentations	
		Young Researchers Forum	Poster Sessions

Awards and Closing Ceremony

Note: Program Schedule is subject to change with final allotment of the speaker slots

For more details, visit: <https://mechanical-aerospace.conferenceseries.com/>

MECH AERO 2018




KEYNOTE SPEECH ON

**INNOVATIONS IN DESIGN, MATERIALS
AND MANUFACTURING OF TURBINE
BLADES FOR JET ENGINES**

RAMAMURTHY PRABHAKARAN
Eminent Professor, Old Dominion University, USA

Mech Aero 2018



Keynote Speech on

ERA OF ROBOTICS

Shuh Jing Ying
Professor Emeritus University of
south Florida Tampa, USA

Mech Aero 2018



Keynote Speech on

**ENERGY GENERATION, STORAGE, AND
CONVERSION**

EDUARDO B FARFAN
PROFESSOR
KENNESAW STATE UNIVERSITY, USA

MECH AERO 2018



KEYNOTE SPEECH ON:

Supercritical Fluid and Applications in Propulsion Systems

BRUCE CHEHROUDI

PROFESSOR AND DEPARTMENT HEAD
ARKANSAS TECH UNIVERSITY, USA

Keynote Speech on

Mech Aero 2018



**Computational Fluid Dynamics (CFD)
Applications in Mechanical and Aerospace Engineering**

Eduardo B Farfan

Professor
Kennesaw State University, USA

Mech Aero 2018



Panos M. Pardalos
Distinguished Professor
University of Florida, USA

Keynote Speech on:
***On the Passage from Local to
Global in Optimization:
New Challenges and Risks in
Theory and Practice***

Conference Highlights

- Fluid Mechanics
- Aerodynamics
- Airship Design and Development
- Flight Vehicle Navigation
- Vehicle Systems and Technologies
- Design and Modelling of Aircraft and Helicopter Engines
- Robotics and Mechatronics
- Design and Development of Rockets
- Space Engineering
- Bioengineering and Bio-Mechanics
- Material Processing
- Energy Processing
- Mechanics, Dynamics and Controls
- Heat Transfer Systems
- Applications of Aerospace Technology
- Mechanical Engineering and Management
- Industrial Engineering

For detailed sessions, please visit: <https://mechanical-aerospace.conferenceseries.com/call-for-abstracts.php>

Submit your abstract online at: <https://mechanical-aerospace.conferenceseries.com/abstract-submission.php>

Register online: <https://mechanical-aerospace.conferenceseries.com/registration.php>





Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries

mechaero@enggconferences.com

Conference Venue Atlanta, USA

Contact us

America: Conference Series LLC

Mech Aero 2018

2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA

Phone: +1-888-843-8169, Fax: +1-650-618-1417,

Toll free: +1-800-216-6499

Email: mechaero@enggconferences.com

Contact us

UK: Conference Series LLC

Mech Aero 2018

Heathrow Stockley Park Lakeside House 1 Furzeground
Way, Heathrow UB11 1BD, UK

Tel: +1-800-216-6499

Email: aerospace@enggconferences.com

Contact us

Asia-Pacific: Conference Series LLC

Mech Aero 2018

Divyasree Building, Raidurg 6th Floor, North Block
Hyderabad 500032, INDIA Tel: 040-33432309

Email: mechaero@conferencesamerica.org

Past Conference Glimpses



Past Conference Glimpses



About Atlanta, USA

Atlanta is the capital of and the most populous city in the U.S. state of Georgia, with an estimated 2016 population of 472,522. Atlanta is the cultural and economic center of the Atlanta metropolitan area, home to 5,710,795 people and the ninth-largest metropolitan area in the United States. Atlanta is the seat of Fulton County and a small portion of the city extends eastward into DeKalb County.

In 1837, Atlanta was founded at the intersection of two railroad lines, and the city rose from the ashes of the American Civil War to become a national center of commerce. In the decades following the Civil Rights Movement, the city earned a reputation as “too busy to hate” for the relatively progressive views of its citizens and leaders compared to other cities in the Deep South. Atlanta attained international prominence, and it became the primary transportation hub of the Southeastern United States, via highway, railroad, and air, with Hartsfield–Jackson Atlanta International Airport being the world’s busiest airport since 1998.

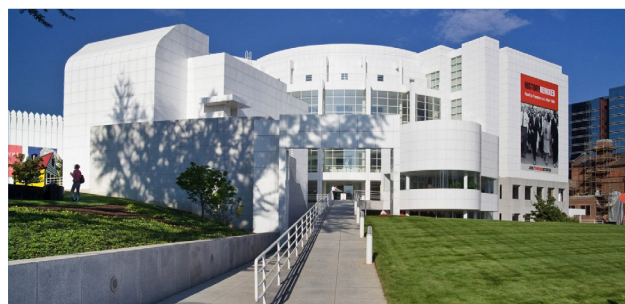
Atlanta is rated a “beta(+)” world city that exerts a medium impact upon commerce, finance, research, technology, education, media, art, and entertainment. It ranks 40th among world cities and 8th in the nation with a gross domestic product of \$270 billion. Atlanta’s economy is considered diverse, with dominant sectors that include logistics, professional and business services, media operations, and information technology. Atlanta has topographic features that include rolling hills and dense tree coverage, earning it the nickname of “the city in a forest.” Revitalization of Atlanta’s neighborhoods, initially spurred by the 1996 Olympics in Atlanta, has intensified in the 21st century, altering the city’s demographics, politics, and cultur



Plan your Trip to Atlanta, USA



Oakland Cemetery



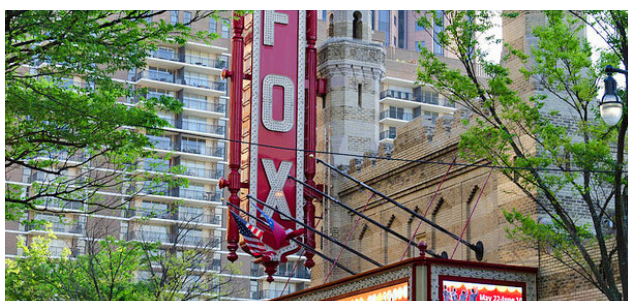
Atlanta High Museum of Art



Centennial Olympic Park



The Atlanta History Center



The Fox Theatre



Zoo Atlanta