



*SHAPING THE FUTURE OF AEROSPACE*

# AIAA Technical Committees (TCs) Overview

AIAA TCs bring together experts from around the globe to:

Advance

- The technical body of knowledge in aeronautics and astronautics.

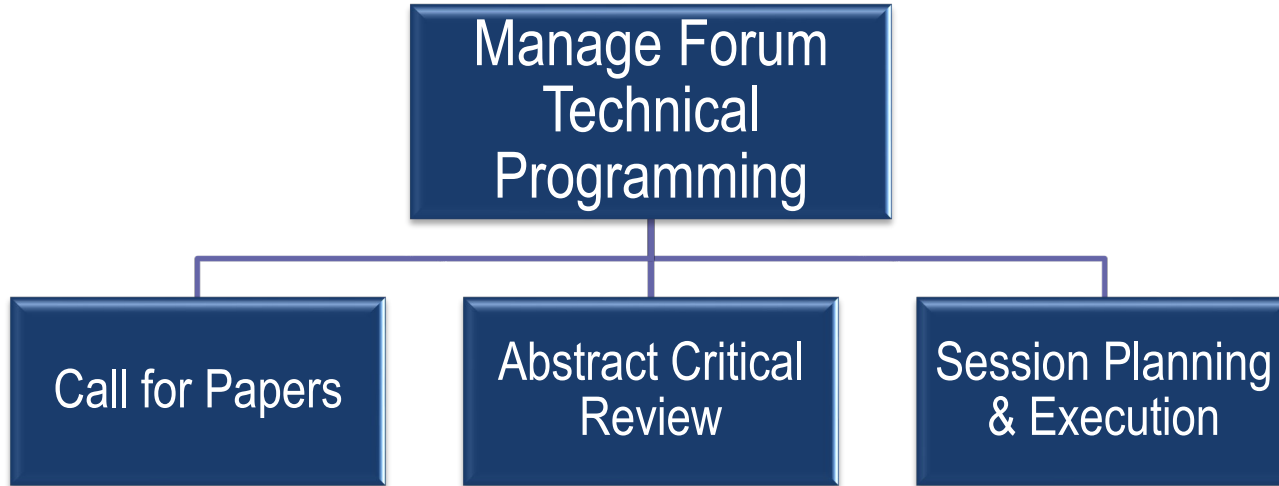
Develop

- Technical products, services, and publications.

Recognize

- Outstanding contributions to the aerospace professions.

# Exactly What Do AIAA TCs Do...?



## TCs also

- **Develop** workshops and continuing education offerings.
- **Nominate, recommend & judge** candidates for career achievement, graduate student, and other awards.
- **Sponsor** student design competitions & best paper awards.

# Why Should I Join a TC?

- Meet and collaborate with colleagues across academia, government and industry.
- Influence technical tracks, Forum 360, and plenary topics at AIAA Forums.
- Have a voice on technical topics of interest at the national and international levels.

**Why participate?** *By engaging with the broader aerospace profession, TC members enhance their professional & personal experiences toward a more fulfilling career!*

# AIAA Technical Activities Division

- Comprised of 71 Technical Committees in 6 Groups
- Primary Technical Discipline Interface for AIAA Led by TAD Chief
- TAD Chief and Group Directors Serve on AIAA Council of Directors



# TAD Leadership, 2024–2025



## Division Chief

Lesley Weitz  
*The MITRE Corporation*



## Program Manager

Angie Lander  
*AIAA*



## Aerospace Design and Structures

Dawn Phillips  
*NASA Marshall Space Flight Center*



## Aerospace Sciences

Martiqua Post  
*US Air Force Academy*



## Aircraft Technology, Integration and Operations

David Maroney  
*The MITRE Corporation*



## Information Systems

Michel Ingham  
*NASA JPL*



## Propulsion and Energy

Rusty Powell  
*Axient*



## Space and Missiles

Stephen Blanchette  
*The Aerospace Corporation*



## Technical Integration Subcommittee

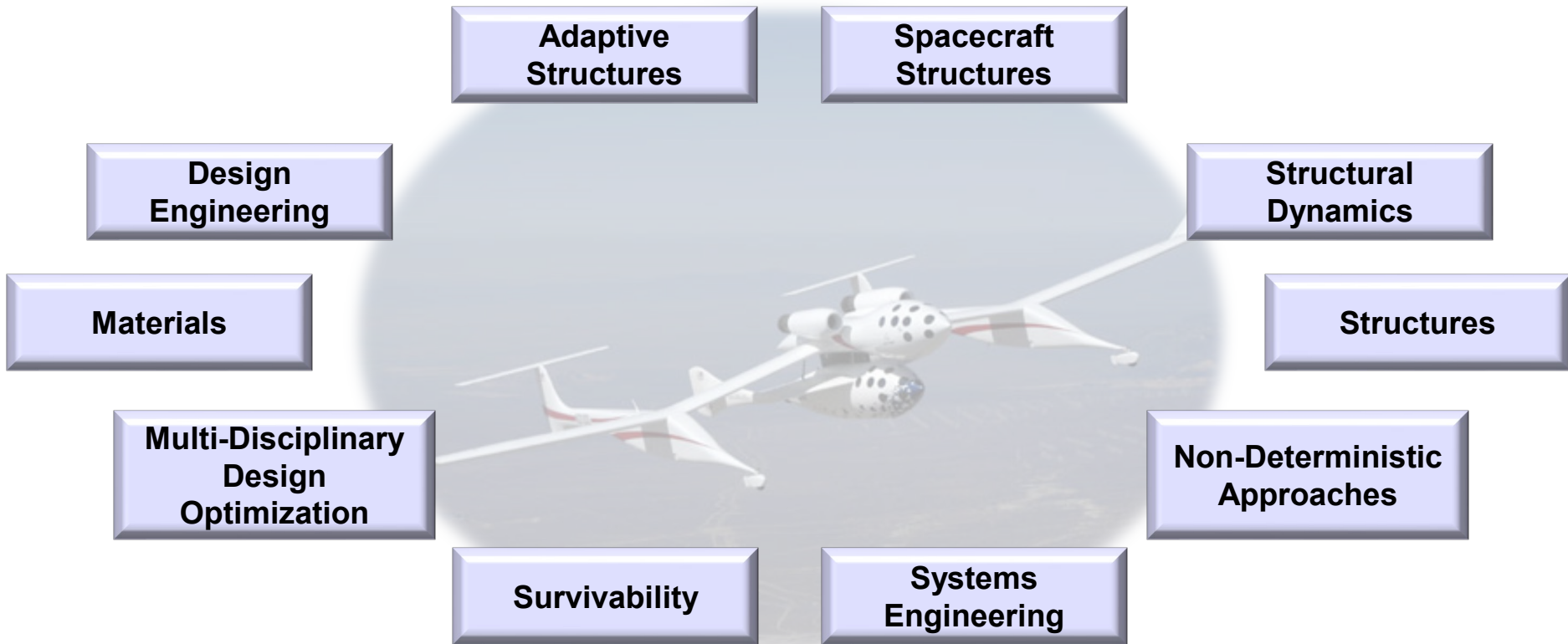
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## Forums Integration Subcommittee

João Luiz Azevedo  
*Instituto de Aeronáutica e Espaço*

# TCs in Aerospace Design & Structures Group





# TCs in Aerospace Sciences Group

**Aeroacoustics**

**Astrodynamics**

**Applied  
Aerodynamics**

**Atmospheric  
Flight Mechanics**

**Fluid Dynamics**

**Thermophysics**

**Aerodynamic Measurement  
Technology**

**Meshing, Visualization &  
Computational Environments**

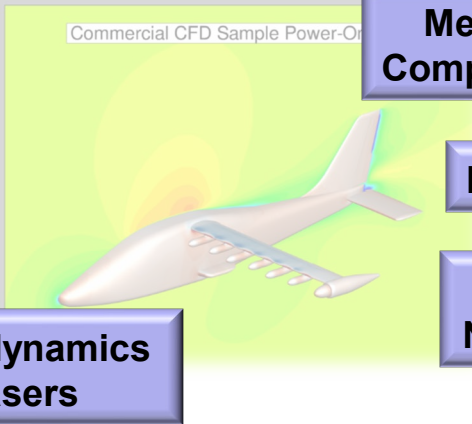
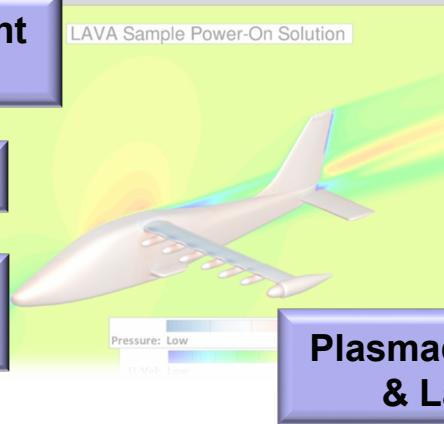
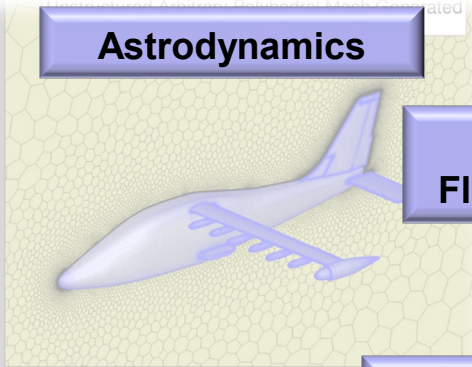
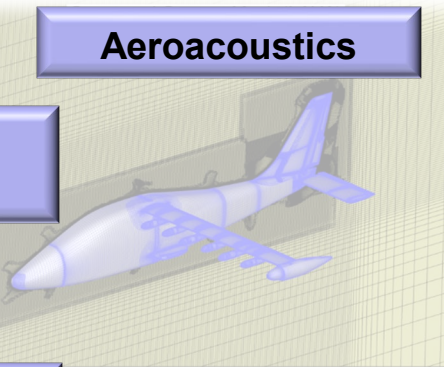
**Ground Testing**

**Modeling & Simulation**

**Atmospheric &  
Space Environments**

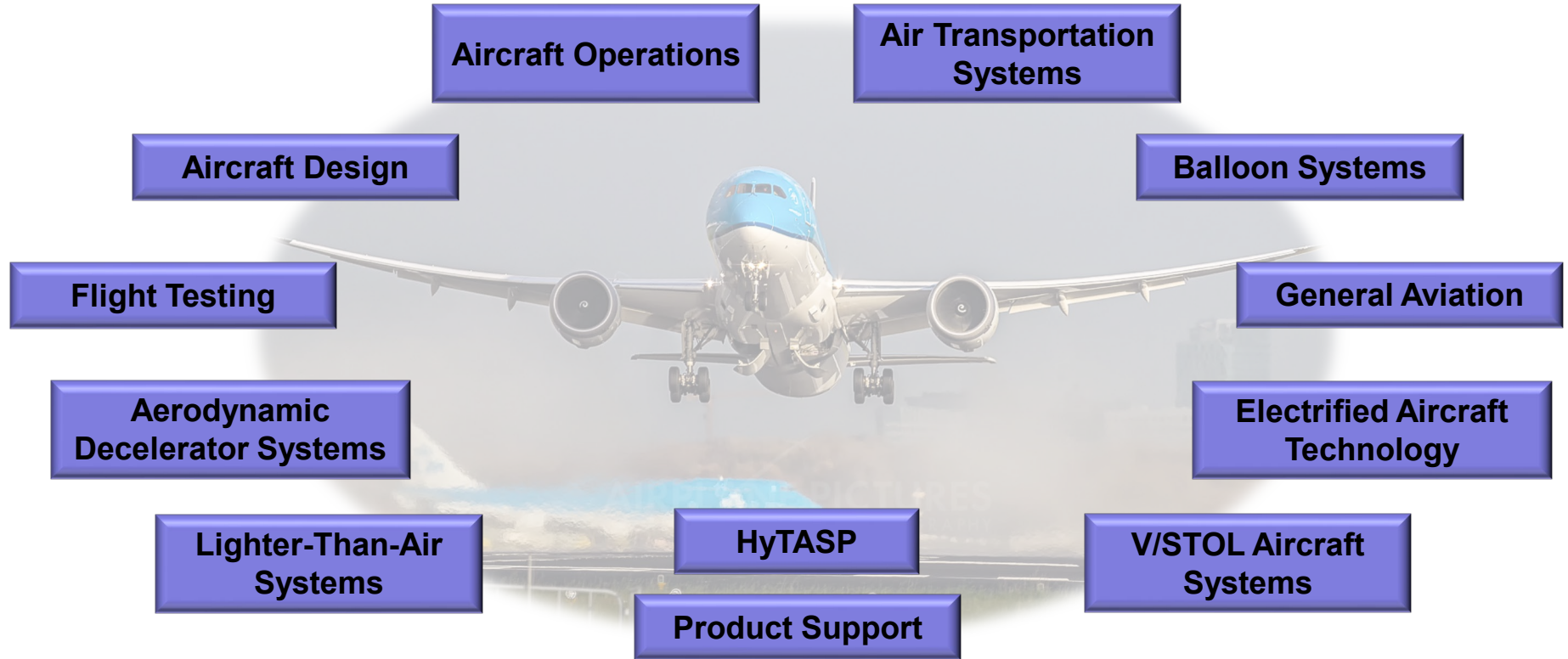
**Plasmadynamics  
& Lasers**

**Guidance,  
Navigation & Control**

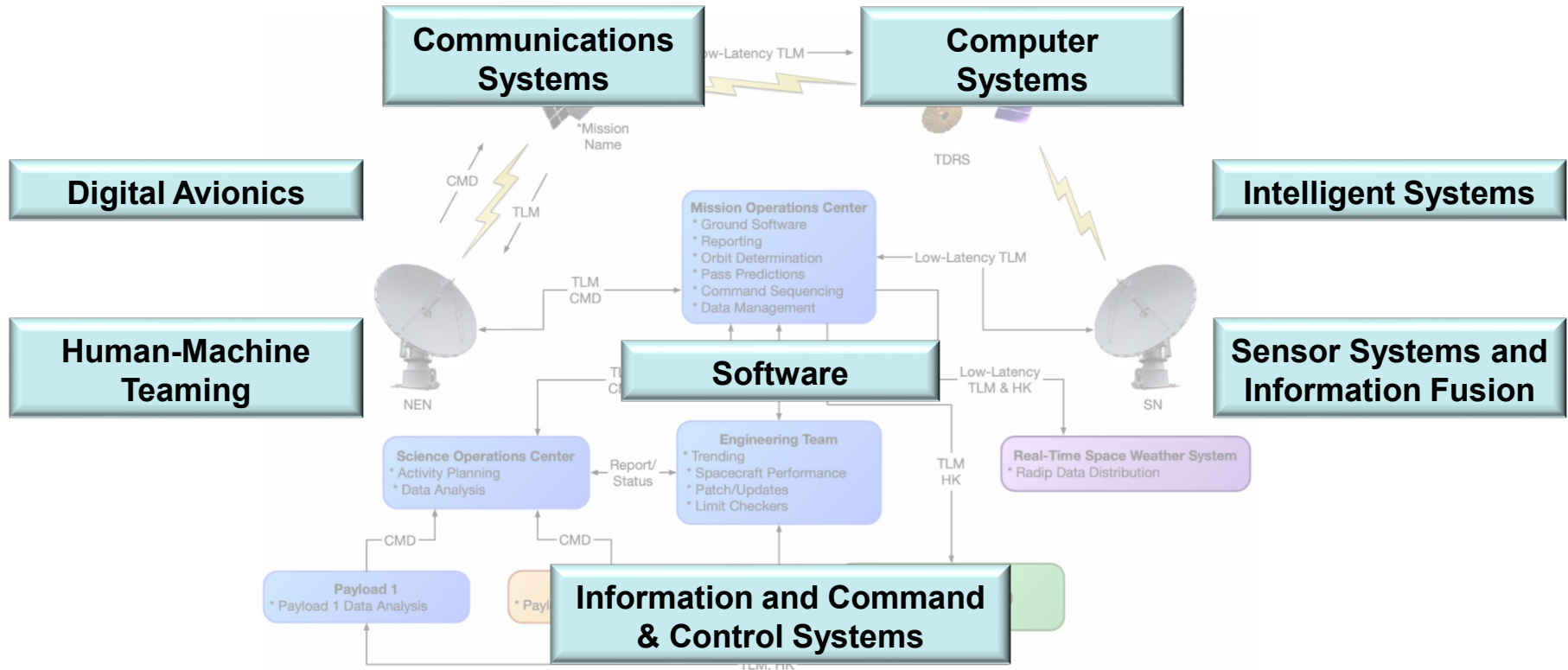




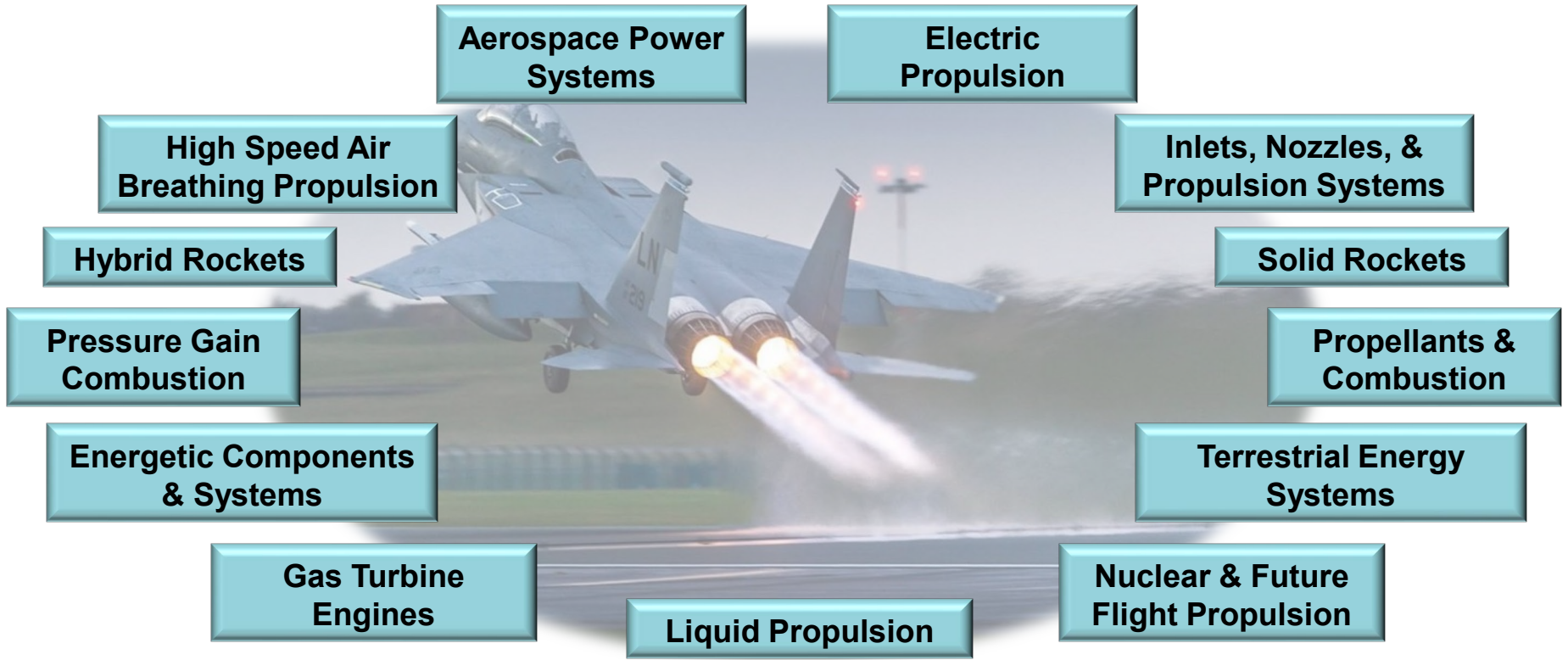
# TCs in Aircraft Technology, Integration, & Operations Group



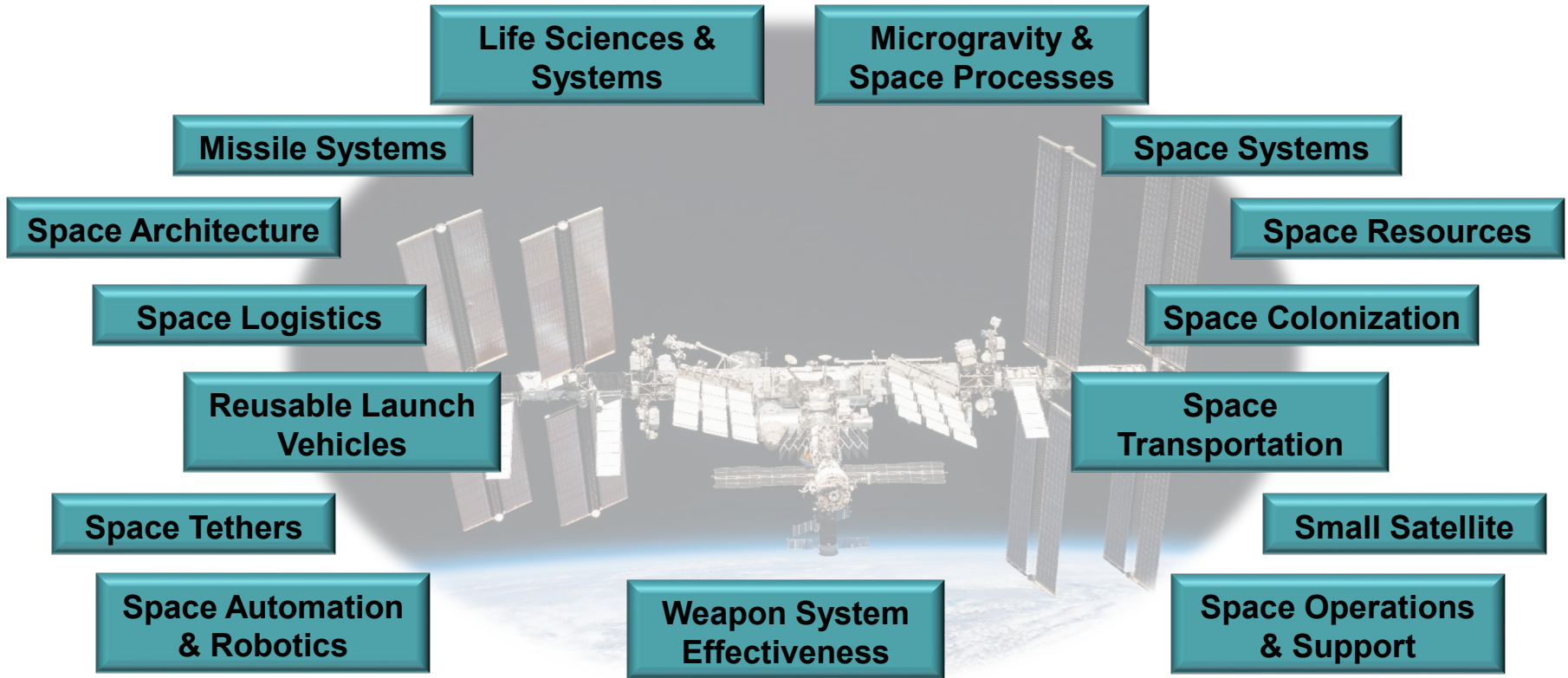
# TCs in Information Systems Group



# TCs in Propulsion & Energy Group



# TCs in Space & Missiles Group



<https://engage.aiaa.org/space-and-missiles/home>

# Requirements for TC Membership

- Submit an application at [aiaa.org](http://aiaa.org)
- Experience or aspiration in the TC's subject areas
- Willingness & ability to serve for three years
- AIAA membership at any level
- Be an Active Committee Member

# Nominal Membership Selection Schedule

**Sept 1** TC member application period opens  
([aiaa.org/technical-committees](http://aiaa.org/technical-committees))

**Oct 15** Application period closes

**Jan 31** Committee member selection complete and proposed rosters to Directors, and updated roster to AIAA Staff

**May 1** TC membership term begins

*TC members typically serve for 3 consecutive 1-year terms*

# More Information & Contacts

- More Information at: <https://www.aiaa.org/technical-committees>
- Lesley Weitz, Chief, Technical Activities Division
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AERONAUTICS AND ASTRONAUTICS