

Technical Activities Division (TAD)

Rick Mange – Chief, Technical Activities Division

Staff Liaison: Michael Lagana

AEROSPACE DESIGN AND STRUCTURES GROUP

Dawn Phillips, Director
Vladimir Balabanov – Dep Dir for Cross-Institute Coordination
Vinay Goyal – Deputy Director for Forum Coordination
Jeff Kauffman – Deputy Director for TC Coordination

Adaptive Structures – Alexander Pankonien
Design Engineering – Ian Marks
Materials – Evan Pineda
Multidisciplinary Design Optimization – Mike Henson
Spacecraft Structures – Johnny Fernandez
Structural Dynamics – William Schneider
Structures – Stanley Smeltzer
Survivability – Tony DiCarlo
Systems Engineering – Michael Miller
Uncertainty Quantification – Gianluca Geraci

AEROSPACE SCIENCES GROUP

Martiqua Post, Director
Joao Luiz Azevedo – Deputy Director for Forum Coordination
Brian Freno – Deputy Director for Disruptive Engagement
Crystal Pasilliao – Deputy Director for TC Engagement
Chris Cotting – Deputy Director for Strategic Planning and Initiatives

Aeroacoustics – Clifford Brown
Aerodynamic Measurement Technology – Zhili Zhang
Applied Aerodynamics – Shreyas Narsipur
Astrodynamics – Brandon Jones
Atmospheric and Space Environments – Charlie Zheng
Atmospheric Flight Mechanics – Jared Grauer
Fluid Dynamics – Manan Vyas
Fluid Instability and Transition – Tom Corke
Ground Testing – Tom Wayman
Guidance, Navigation and Control – Eric Johnson
Meshing, Visualization & Computational Environments – Devina Senjaya
Modeling and Simulation – Christine Taylor
Plasmadynamics and Lasers – Albina Tropina
Thermophysics – Vidya Vishwanathan

INFORMATION SYSTEMS GROUP

Michel D. Ingham, Director
Misty Davies – Deputy Director for Intra-Group Collaboration
John Valasek – Deputy Director for Cross-Group Coordination
Daniel “Dani” Selva – Deputy Director for Forums
Jim Paunicka – Deputy Director for Defense

Communications Systems – Rob Singh
Computer Systems – Julian Gutierrez
Digital Avionics – Mark Darnell
Human-Machine Teaming – Terry Morris
Information and Command and Control Systems – Ali Raz
Intelligent Systems – Justin Bradley
Sensor Systems and Information Fusion – Nick Napoli
Software – Umut Durak

PROPULSION AND ENERGY GROUP

Rusty Powell, Director
Stephanie Sawhill – Deputy Director for Forum Coordination
Wayne Hurwitz – Deputy Director at Large and Operations
Steve Lynch – Deputy Director for Air Breathing Propulsion
Kurt Polzin – Deputy Director for Rocket, Space & Advanced Propulsion
Ashwani Gupta – Deputy Director for Energy

Gas Turbine Engines – Shreyas Hegde
High Speed Air Breathing Propulsion – Tom Smith
Inlets, Nozzles, and Propulsion Systems Integration – Neal Domel
Pressure Gain Combustion – Donald Ferguson
Electric Propulsion – James Szabo
Energetic Components and Systems – Jim Baglini, Jr.
Hybrid Rockets – Trevor Elliott
Liquid Propulsion – Matt Harvazinski
Nuclear and Future Flight Propulsion – Greg Meholic
Propellants and Combustion – Marios Soteriou
Solid Rockets – Barbara Lakota
Aerospace Power Systems – Jeremiah McNatt
Terrestrial Energy Systems – Bhupendra Khandelwal

AIRCRAFT TECHNOLOGY, INTEGRATION, AND OPERATIONS GROUP

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Phillip Ansell – Dep Dir for Cross-Institute Coordination
David Levy – Deputy Director for Forums
Scot Campbell – Deputy Director for Aircraft Operations
Danielle Soban – Deputy Director for Aircraft Technologies

Aerospace Lifecycle Management – James Chou
Aircraft Operations – Antony Evans
Air Transportation Systems – Min Xue
Flight Testing – Cody Hydrick
Aerodynamic Decelerator Systems – Aaron Morris
Aircraft Design – Imon Chakraborty
Balloon Systems – Javier Romualdez
Electrified Aircraft Technology – Steve Kestler
General Aviation – Matt McCrink
HyTASP – Hicham Alkandry
Lighter-Than-Air Systems – Michael Connors
V/STOL Aircraft Systems – C. Aaron Reimann

SPACE AND MISSILES GROUP

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Karen D. Barker – Deputy Director
Ron Kohl – Deputy Director
Dustin Otten – Deputy Director
Tim Wadhams – Deputy Director

Life Sciences and Systems – Sunny Narayanan
Gravity Dependent Science and Technology – Alvaro Romero-Calvo
Launch Vehicles and Entry Systems – Amratur Anilkumar
Missile Systems – Brandon Chynoweth
Small Satellite – Shannon Statham
Space Architecture – Melodie Yashar
Space Automation and Robotics – Ou Ma
Space Settlement – Robert Noteboom
Space Logistics – Hao Chen
Space Operations and Support – Sweetie Pate
Space Resources – Bob Moses
Space Tethers – Eleonora Botta
Space Transportation – INACTIVE
Weapon System Effectiveness – Nick Mueschke

TAD Liaisons

Ethics Committee – Jeff Hamstra
Honors & Awards – Dave Riley
Publications – Wayne Hurwitz
Standards – Ron Kohl

Public Policy Liaisons

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Crystal Pasilliao, ASG
Phillip Ansell, ATIO Rep
Jimmie McEver, ISG Rep
Mirko Gamba, PEG Rep
Kenneth Lui, SMG Rep

Technical Integration Subcommittee (TIS)

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Brian Freno, ASG Rep
Phillip Ansell, ATIO Rep
Jim Paunicka, ISG Rep
Tom Smith, PEG Rep
Ron Kohl, SMG Rep

Forums Integration Subcommittee (FIS)

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