The 64th Israel Annual Conference on

Aerospace Science

Thursday 20 March, 2025

PROGRAM

Event	Time/Venue
• Opening • Plenary Lectures • Lunch • Exhibition stands of IACAS sponsors	9:00-13:30 **Churchill Hall, the Technion**
• Regular Sessions	13:30-18:00 **Faculty of Aerospace Engineering, Technion**

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IACAS-2025 Program - Table of Content

Thursday 20.3.2025		Technion, Haifa
Time/Code	Session	Hall
8:45-12:00		
9:00-9:10	Welcoming Address: Prof. Uri Sivan, Technion President	**Churchill Hall**
9:10-9:15	IACAS Opening: Dr. Judith Hocherman-Frommer, Chair IACAS-2025	
9:15-10:05	Colonel (Res.) Dror Ben-David	
Coffee Break *10:05-10:30*		
10:30-11:20	Professor Wei Shyy, Chair Professor at the Hong Kong University of Science and Technology (Guangzhou)	
11:20-12:10	David A. Vallado, Senior Research Astrodynamicist, COMSPOC	
Lunch *12:10-13:30*		
13:30-15:30		
ThL1T1	Guidance, Navigation, and Control	A
ThL1T2	Computational Fluid Dynamics	B
ThL1T3	Flow Stability and Control I	C
ThL1T4	Propulsion and Combustion	D
ThL1T5	Aerodynamics & Aeroacoustics	E
ThL1T6	Aeroelasticity & Fluid-Structure Interaction	F
ThL1T7	Astrodynamics and Space Systems I	G
ThL1T8	Aerospace Design	H
Coffee Break *15:30-16:00*		
16:00-18:00		
ThL2T1	Propulsion, Combustion and Energy Systems	A
ThL2T2	Flow Stability and Control II	B
ThL2T3	Aerospace Systems and MDO	C
ThL2T4	AI and Autonomy	D
ThL2T5	Aerodynamics, Hydrodynamics and Aeroacoustics	E
ThL2T6	Astrodynamics and Space Systems II	F
ThL2T7	Solid Mechanics and Aerospace Materials	G

Click here for Session Halls Map at the Faculty of Aerospace Engineering

Keynote Lectures

9:15-10:05 ThPl1

Colonel (Res.) Dror Ben-David

The seven trends that will shape our skies

Chair: Dr. Judith Hocherman-Frommer

About Colonel (Res.) Dror Ben-David

Colonel (Res.) Dror Ben-David served 27 years in the Israeli Air Force. commander of F16 and F15 squadrons. Head of the operational requirement department. B.A. in Physics with excellence, Technion. Currently, head of Neural Networks R&D Labs at Matrix IT, Israeli National Drone Initiative - Subject Matter Expert for operations. Autonomous Public Transportation SME. Civil Aviation - Cyber resilience SME, Israeli rep at ICAO.

Churchill Hall

Plenary Lectures

10:30-11:20 ThPl2

Professor Wei Shyy

Low altitude air mobility, low orbit satellites: opportunities, challenges and sustainability

Chair: Distinguished Professor Emeritus Daniel Weihs

In the present era of fast emergence and advancement of innovative ideas and new technologies, we are seeing unprecedented opportunities as well as challenges. In the civilian aerospace sector, low orbit satellites of altitude up to 2,000 km, equipped with advanced sensing and communication capabilities; and low altitude air mobility, including drones, un-crewed and crewed aerial vehicles, from ground to around 2 km, are two fast moving fronts. Individually and collaboratively, they present new frontiers in the global and regional contexts, including sustainability, commerce, emergency response and risk mitigation. In this lecture, examples will be presented along with technical issues to highlight implications and issues associated with these developments.

About Professor Wei Shyy

Professor Wei Shyy is a Chair Professor at the Hong Kong University of Science and Technology (Guangzhou). He was President of the Hong Kong University of Science and Technology and Chair Professor of Mechanical and Aerospace Engineering. Prior to joining HKUST in 2010, he was Clarence L. “Kelly” Johnson Collegiate Professor and Chairman of the Department of Aerospace Engineering of the University of Michigan.

He was the Principal Investigator of several multi-institutional research projects, funded by the US Government and industries, on future space transport, bio-inspired flight, and computational aero-science. He is General Editor of the Cambridge Aerospace Book Series published by the Cambridge University Press; and Co-Editor-in-Chief of Encyclopedia of Aerospace Engineering, a major reference work published by Wiley-Blackwell.

Professor Shyy is an elected member of Academia Sinica (Taipei), an agenda contributor of the World Economic Forum, and Fellow of the American Institute of Aeronautics and Astronautics (AIAA). He has received awards for his research and professional contributions, including the AIAA 2003 Pendray Aerospace Literature Award, the ASME 2005 Heat Transfer Memorial Award, and The Engineers’ Council (Sherman Oaks, CA) 2009 Distinguished Educator Award. In 2021, the French Government made him an Officer of the Legion of Honor. In 2023, the International Conference on Computational & Experimental Engineering and Sciences (ICCES) honored him the Satya N. Atluri Award.

Plenary Lectures

11:20-12:10 ThPl3

Lt Col (USAF Ret.) David A. Vallado, Senior Research Astrodynamicist, COMSPOC

Challenges to Accurate LEO Satellite Prediction

Chair: Dr. Vladimir Martinusi

Accurate propagation of Low Earth Orbiting satellites is increasingly important for conjunction analyses as the region becomes more densely populated. Standard perturbation force models are successfully used for Orbit Determination to produce accurate epoch states. But what happens as these states are predicted into the future? The uncertainty increases rapidly, somewhat independent of the accuracy of the initial state. I review the dominant perturbing forces and focus on gravity and atmospheric drag as sources of the increased uncertainty in prediction.

About David A. Vallado

Lt Col (USAF Ret.) David A. Vallado is currently working as a Senior Research Astrodynamicist with COMSPOC in the Center for Space Standards and Innovation. He is the author of the advanced astrodynamics textbook, Fundamentals of Astrodynamics and Applications (5th edition, Microcosm, 2022). He is a Fellow in the American Astronautical Society (2006).

He attended the United States Air Force Academy and majored in Astronautical engineering, receiving his Bachelor of Science in 1980. Lt Col Vallado earned a Masters of Science in Systems Management from the University of Southern California in 1982. He then attended the Air Force Institute of Technology (AFIT), where he earned a Masters of Science in Astronautical Engineering in 1984.

His AF assignments include serving as a Project Officer for Stage I of the PEACEKEEPER missile, analysis for the Strategic Air Command Staff at the 544th Strategic Intelligence Wing, an instructor in the Department of Astronautics at the US Air Force Academy, several research scientist activities at AFRL, and analysis at US Space Command. After retiring from the Air Force, he was a principal engineer with Raytheon Intelligence and Information Systems in Denver CO and an Astrodynamics Researcher with Analytical Graphics Inc.

An avid mountain climber, he has hiked all 58 mountains in Colorado over 14000 feet, twice. Dave's other interests include jogging, biking, woodworking, house construction, classical piano, swimming, and square dancing.

ThL1T1 Hall A

Guidance, Navigation and Control

Chair: Daniel Choukroun — Ben-Gurion University of the Negev
Co-Chair: Ilan Rusnak — Rafael

13:30-13:50 ThL1T1.1

Optimal pure-pursuit guidance law with uncertain time-of-flight

Ilan Rusnak — Rafael

13:50-14:10 ThL1T1.2

Symmetry-constrained formation maneuvering

Zamir Martinez — Technion
Daniel Zelazo — Technion

14:10-14:30 ThL1T1.3

Missile guidance with doppler information only in 3D

Ilan Rusnak — Rafael
Liat Peled-Eitan — Rafael

14:30-14:50 ThL1T1.4

A New atmospheric disturbances estimation method for rotorcraft

Sergey Nazarov — Technion
Per-Olof Gutman — Technion

14:50-15:10 ThL1T1.5

Error analysis of a dual quaternion batch estimator

Caitong Peng — Ben-Gurion University of the Negev
Daniel Choukroun — Ben-Gurion University of the Negev

15:10-15:30 ThL1T1.6

Midcourse guidance for hypersonic glide vehicle interception

Michael Urman — Technion
Oded Golan — Technion
Vitaly Shaferman — Technion

ThL1T2 Hall B

Computational Fluid Dynamics

Chair: Vassilis Theofilis — Technion

13:30-13:50 ThL1T2.1

Ablation Computational Simulation using Ansys Fluent

Dvir Mendler — Ansys
Sunil Chadha — Ansys

13:50-14:10 ThL1T2.2

Flow simulation of waveriders at off-design conditions

Angelos Klothakis — Technical University of Crete
Ioannis Nikolos — Technical University of Crete
Vassilis Theofilis — Technion

14:10-14:30 ThL1T2.3

Wall Function LES using Fluent GPU solver and Fluent Rapid Octree mesh

Dvir Mendler — Ansys

14:30-14:50 ThL1T2.4

Very large eddy simulations of the flow within a F-35's weapon bay with an internal store

Ron Efrati — Israeli Air Force
Hadar Ben-Gida — Israeli Air Force

14:50-15:10 ThL1T2.5

Terrain Ridgelines Detection Based on Streamlines

Baruch E. Karlin

ThL1T3	Hall C

Flow Stability and Control I

Chair: Michael Karp	Technion
Co-Chair: Alexandros Terzis	Technion

13:30-13:50	ThL1T3.1

Analytical flow solutions in rectangular microfluidic channels based on the darcy-brinkman model

Mario Del Mastro	Technion
Alexandros Terzis	Technion

13:50-14:10	ThL1T3.2

Stability analysis of the non-isentropic one-dimensional flow in a scramjet isolator

Shahaf Haiman	Technion
Michael Karp	Technion

14:10-14:30	ThL1T3.3

Linear stability of a weak viscous shock layer

Vassilis Theofilis	Technion

14:30-14:50	ThL1T3.4

Stability analysis of forced and unforced flow fields around cylinders in crossflow

Doron Schwartz	Technion
Michael Karp	Technion

14:50-15:10	ThL1T3.5

Particle clustering and turbulence modulation in eulerian particle-laden flow simulations

AJAY DHANKARGHARE	Technion
Yuval Dagan	Technion

15:10-15:30	ThL1T3.6

Investigation of oil flow topology, pressure distribution, and drag in separated flow over low-Reynolds-number airfoil

Roi Baruch	Technion
Igal Gluzman	Technion

ThL1T4	Hall D

Propulsion and Combustion

Chair: Dan Michaels	Technion
Co-Chair: Eran Sher	Technion
13:30-13:50	ThL1T4.1

Pressure effect on the burning rate of solid propellants with expandable graphite additives

Noa Edri	Technion
Alon Gany	Technion
13:50-14:10	ThL1T4.2

Investigating a gun-launched solid fuel ramjet projectile

Itamar Levitan	Technion
Alon Gany	Technion
14:10-14:30	ThL1T4.3

Enhancing water-breathing ramjet performance with boron additive

Sagi Dinisman	Technion
Alon Gany	Technion
14:30-14:50	ThL1T4.4

Experimental study of mode transition in a cavity-based dual-mode scramjet combustor

Alexander Dolnik	Technion
Dan Michaels	Technion
14:50-15:10	ThL1T4.5

Hydrogen propulsion: the fundamental equation for H2 in its liquid, saturated, and gaseous states

Eran Sher	Technion
Shir Levi	Technion
15:10-15:30	ThL1T4.6

Computer Vision Approach for Analysis of Numerical and Experimental Detonation Cellular Structure Images

Daniel Jalontzki	Tel Aviv University
Alon Zussman	Tel Aviv University
Guni Sharon	Texas A&M University
Sumedh Pendurkar	Texas A&M University
Yoram Kozak	Tel Aviv University

ThL1T5 Hall E

Aerodynamics & Aeroacoustics

Chair: Oksana Stalnov — Elbit Systems
Co-Chair: Hadar Ben-Gida — Technion

13:30-13:50 ThL1T5.1

Water sheet breakup dynamics and spray characterization for confined leading-edge cooling

Alexandros Peteinaris — Technion
Alexandros Terzis — Technion

13:50-14:10 ThL1T5.2

Characterizing the aerodynamic degradation of a damaged UAV pusher propeller

Elad Bar On — Technion
Yosef Pikel — Israeli Air Force
Hadar Ben-Gida — Israeli Air Force

14:10-14:30 ThL1T5.3

Swept and tapered wing in dynamic motion

Sarah Sullivan — Rensselaer Polytechnic Institute
Evan Mahns — Rensselaer Polytechnic Institute
Miki Amitay — RPI

14:30-14:50 ThL1T5.4

Optimizing drones delivery path for low-noise flight

Barak Deutscher — Technion
Oksana Stalnov — Elbit Systems
Hadar Ben-Gida — Technion

14:50-15:10 ThL1T5.5

Experimental analysis of a vibro-acoustic response of an airborne structure to boundary layer excitation

Maayan Naschletashvili — Technion
Oksana Stalnov — Elbit Systems
Hadar Ben-Gida — Technion

15:10-15:30 ThL1T5.6

Sustainable flight and maneuverability of guided projectiles at transonic speeds via circulation control

Dor Polonsky — Rafael
Gali Alon Tzezana — Rafael
Alon Dahan — Rafael

ThL1T6 Hall F

Aeroelasticity & Fluid-Structure Interaction

Chair: Maxim Freydin — Technion
Co-Chair: Moti Karpel — Technion

13:30-13:50 ThL1T6.1

Static aeroelasticity and stability of very flexible swept wings

Bar Revivo — Technion
Daniella Raveh — Technion

13:50-14:10 ThL1T6.2

Aeroelasticity of plates in supersonic channel flow

Maxim Freydin — Technion

14:10-14:30 ThL1T6.3

Experimental investigation of the F-16 shock buffet with comparison to flight tests

Tzlil Nahom Jidovetski — Israeli Air Force
Michael Iovnovich — Israeli Air Force
Daniella Raveh — Technion

14:30-14:50 ThL1T6.4

Aeroelastic coupling of hard maneuvering aircraft

Dor Naftaly — Israeli Air Force
Daniella Raveh — Technion

14:50-15:10 ThL1T6.5

Numerical simulation of flutter flight tests using the parametric flutter margin method

Guy Gordon Biberstein — Technion
Moti Karpel — Technion

15:10-15:30 ThL1T6.6

Advancements in in-flight aeroelastic sensing: real-time prediction of deflection, load, and rigid angle of attack using machine learning from ground test data

Ido Hauzer — Technion
Daniella Raveh — Technion

ThL1T7 Hall G

Astrodynamics and Space Systems I

Chair: Vladimir Martinusi — Technion
Co-Chair: Alexander Batkhin — Technion

13:30-13:50 ThL1T7.1

Network of symmetric periodic families in the Hill 3-body problem

Alexander Batkhin — Technion

13:50-14:10 ThL1T7.2

Uncertainty propagation using Riemannian geometry

Vladimir Martinusi — Technion

14:10-14:30 ThL1T7.3

Constant-magnitude low-thrust orbital transfer with final-approach targeting

Michal Pushkov — Technion
SHRIBHARATH BALAKRISHNAN — Technion
Pini Gurfil — Technion

14:30-14:50 ThL1T7.4

Optimal control for a stationary solar sail around L1'

Naama Gilat — Technion
Oded Golan — Technion
Vitaly Shaferman — Technion

14:50-15:10 ThL1T7.5

Technical requirements for optical sensors in autonomous space situational awareness

Yuval Hammer — Braude
Ido Ben Harosh — Braude
Ivan Goncharov — Braude
Ira Wolfson — Braude
Elad Denenberg — Braude Academic College of Engineering

15:10-15:30 ThL1T7.6

Satellite Signals-of-Opportunity-Based Navigation: From Simulation to Real-World Implementation

Alex Frid — Technion
Carlos Caravaca-Gallego — Technion
Pini Gurfil — Technion

ThL1T8 Hall H

Aerospace Design

Chair: Ilan Berlowitz IBAero
Co-Chair: Ariel Dvorjetski TBD

13:30-13:50 ThL1T8.1

Electro-hydrostatic actuation and steering system for nose landing gear

Ilan Berlowitz IBAero

13:50-14:10 ThL1T8.2

Comparative analysis of aircraft freighter conversion strategies

Ilan Berlowitz IBAero

14:10-14:30 ThL1T8.3

Development of regional aircraft composite leading edge for bird strike sustainability - a methodology review

Yahav Angel Israel Aerospace Industries
Adam Sawday IAI
Eduardo Eigenberg Israel Aerospace Industries

14:30-14:50 ThL1T8.4

Helicopter engine's power estimation using regular flight data

Ariel Dvorjetski Israeli Air Force
Liron Darhi Israeli Air Force
Aperstein Yehudit Afeka College of Engineering

ThL2T1 Hall A

Propulsion, Combustion and Energy Systems

Chair: Moshe Zilberman — Azrieli Academic College of Engineering
Co-Chair: David Yanuka — Technion

16:00-16:20 ThL2T1.1

Collision coalescence study of impinging spray jets

Ariel Sharon — Technion
Yeshayahou Levy — Technion

16:20-16:40 ThL2T1.2

Optimizing the performance of Savonius vertical axis wind turbines for use in urban high-rise buildings and rural locations

Moshe Zilberman — Azrieli Academic College of Engineering

16:40-17:00 ThL2T1.3

Simplified modeling of constrictor plasma at the Technion arc heated wind tunnel

David Yanuka — Technion

17:00-17:20 ThL2T1.4

Hydrogen Generation from Water and Aluminum with different additives

Elinor Kostjukovsky — Technion
Alon Gany — Technion

ThL2T2 Hall B

Flow Stability and Control II

Chair: Igal Gluzman Technion
Co-Chair: Hadar Ben-Gida Technion

16:00-16:20 ThL2T2.1

Lattice Boltzmann method simulations of the laminar flow in a two-dimensional double cavity configuration

Itamar Blumenfeld Technion
Hadar Ben-Gida Technion

16:20-16:40 ThL2T2.2

Wake measurements of heavy vehicle rear-end models with custom-designed passive flow control devices

Niv-Haim Mizrahi Tel Aviv University
Elizaveta Dubrovskaya Tel Aviv University
Ofek Katz Tel Aviv University
Yarden Turgeman Tel Aviv university
Alex Liberzon Tel Aviv University
Oksana Stalnov Elbit Systems

16:40-17:00 ThL2T2.3

Linear stability of complex compressible cavity flows

Vojtech Pezlar Czech Technical University in Prague
Marlon Mathias University of Sao Paulo
Vassilis Theofilis Technion
Marcello Augusto Faraco Medeiros University of Sao Paulo

17:00-17:20 ThL2T2.4

Instability and transition of the flow over a surface gap

Victor Barcelos Victorino University of Sao Paulo
Felipe Oliveira Aguirre University of Sao Paulo
Marcello Augusto Faraco Medeiros University of Sao Paulo

17:20-17:40	ThL2T2.5

Mach effect on instability and transition of the flow over a surface gap

Felipe Oliveira Aguirre	University of Sao Paulo
PauloCelso Vieira Paino	University of Sao Paulo
Hadar Ben-Gida	Technion
Marcello Augusto Faraco Medeiros	University of Sao Paulo

17:40-18:00	ThL2T2.6

Stability analysis of shear flows and boundary layers via novel stability criterion that utilizes the small gain theorem

Ofek Frank-Shapir	Technion
Igal Gluzman	Technion

ThL2T3 Hall C

Aerospace Systems and MDO

Chair: Yuval Freed — Israel Aerospace Industries
Co-Chair: Anna Clarke — Technion

16:00-16:20 ThL2T3.1

Genetic algorithm-based approach to load distribution in full-scale structural test design

Boris Dorfman — Israel Aerospace Industries
Efrat Pinhas — Israel Aerospace Industries
Yuval Freed — Israel Aerospace Industries

16:20-16:40 ThL2T3.2

Machine learning-based surrogate models for predicting crack growth in aerospace-grade aluminum alloys

Yuval Freed — Israel Aerospace Industries

16:40-17:00 ThL2T3.3

Leveraging foundation model approach in fluids mechanics systems engineering

Shaul Eliahou Niv — Israel Aerospace Industries
Yotam Gardosh — HUJI
Asaf Shiloah — HUJI

17:00-17:20 ThL2T3.4

Inner Outer Predictive Model Applied to Atmospheric Surface Layer Turbulence

Maayan Shimoni — Technion
Ian Jacobi — Technion
Anna Clarke — Technion

17:20-17:40 ThL2T3.5

Flight Course Maneuver Optimization for a Fighter Jet in a Threatened Area

Ido Braun — Technion
Joseph Z. Ben-Asher — Technion

ThL2T4 Hall D

AI and Autonomy

Chair: Itzik Klein University of Haifa
Co-Chair: Vadim Indelman Technion

16:00-16:20 ThL2T4.1

Hybrid belief space planning with coupled semantic-geometric models

Tuvy Lemberg Technion
Vadim Indelman Technion

16:20-16:40 ThL2T4.2

Real-time sky object detection and classification using YOLO algorithm

Cristian Omat Astronomical Institute of the Romanian Academy

16:40-17:00 ThL2T4.3

Detecting GPS spoofing incidents using variational autoencoders

Barak Or Technion

17:00-17:20 ThL2T4.4

Enhancing predictive maintenance with transformer-based deep neural network

Barak Or Technion

17:20-17:40 ThL2T4.5

Remotely piloted aircrafts automatic takeoff and landing performance evaluation

Tsoof Joels Elbit Systems

17:40-18:00 ThL2T4.6

Neural inertial dead reckoning and fusion

Itzik Klein University of Haifa

ThL2T5 Hall E

Aerodynamics, Hydrodynamics and Aeroacoustics

Chair: Yuval Dagan — Technion
Co-Chair: Omry Magen — Tel Aviv University

16:00-16:20 ThL2T5.1

Clustering of particle-laden flows in synthetic turbulence

Boaz Ofarim — Technion
Orr Avni — Technion
Yuval Dagan — Technion

16:20-16:40 ThL2T5.2

On the noise modulation of small-scale low-reynolds number rotors of different materials

Aharon Karon — Israel Aerospace Industries
Aleksandra Kvurt — Israel Aerospace Industries
Jenya Kazarin — Technion
Hadar Ben-Gida — Technion

16:40-17:00 ThL2T5.3

Utilization of computer vision algorithms for the characterization of coupled interactions between bubbly shocks and cavitation cloud

Elad Zur — Technion
Igal Gluzman — Technion

17:00-17:20 ThL2T5.4

Modelling steady features of cavitation in radial flow between two overlying disks with varying gaps

Samruddhi Salunke — Technion
Igal Gluzman — Technion

17:20-17:40 ThL2T5.5

Rapid depressurization-induced flash boiling: a theoretical model for positive and negative pressure ranges

Omry Magen — Tel Aviv University
Yoram Kozak — Tel Aviv University
Laura DiLucchio — University of Pavia
Marco Marengo — University of Pavia
Tali Bar-Kohany — Tel Aviv University

17:40-18:00 ThL2T5.6

Eulerian sectional approach for particle erosion in compressible flows

Amir Loyevsky — Rafael
Ido Immer — Rafael
Yuval Dagan — Technion

ThL2T6	Hall F

Astrodynamics and Space Systems II

Chair: Vitaly Shaferman	Technion
Co-Chair: Moshe Golani	Technion

16:00-16:20	ThL2T6.1

Trajectory design and control for missed-thrust rendezvous

Meir Nemirovsky	Technion
Pini Gurfil	Technion

16:20-16:40	ThL2T6.2

An optimal low-thrust spacecraft interception guidance law with terminal velocity constraints

Yahli Drucker	Technion
Vitaly Shaferman	Technion

16:40-17:00	ThL2T6.3

Deep space navigation using satellite-based radio interferometry

Moshe Golani	Technion

17:00-17:20	ThL2T6.4

A space propulsion system without mass ejection

Azriel Lorber	

17:20-17:40	ThL2T6.5

An optimal soft landing guidance law with an approach angle path constraint

Revital Frenkel	Technion
Vitaly Shaferman	Technion

17:40-18:00	ThL2T6.6

Exploring low-cost trajectories to the sun-earth Lagrange point

Geffen Aharoni	Technion
Tamar Alperin	Technion
Naama Gilat	Technion
Iris Kanter	Technion
Almog Yanku	Technion
Alex Frid	Technion

ThL2T7 Hall G

Solid Mechanics and Aerospace Materials

Chair: Ameer Marzok Technion
Co-Chair: Pavel Galich Technion

16:00-16:20 ThL2T7.1

Effect of magnetic field on P- and S-waves in magneto-active polymers

Ankush Yadav Technion
Pavel Galich Technion

16:20-16:40 ThL2T7.2

An investigation into semi-stabilized unsymmetrical thin-walled structure

Steve Katzeff Israel Aerospace Industries

16:40-17:00 ThL2T7.3

Progressive damage and failure analysis for structural continuous fiber composites

Daniel Vilyatser Ansys
Tim Artz Ansys
Eric Stamper Ansys

17:00-17:20 ThL2T7.4

Multifunction automated unit cell, review

Shay Shoam Israel Aerospace Industries
Uri Ben-Simon Israel Aerospace Industries
Yuval Freed Israel Aerospace Industries
Zvi Karuchero IAI
Alexander Lukatsky Israel Aerospace Industries
Adam Sawday IAI
Eduardo Eigenberg Israel Aerospace Industries
Hilla Elimelech DDR&D

17:20-17:40 ThL2T7.5

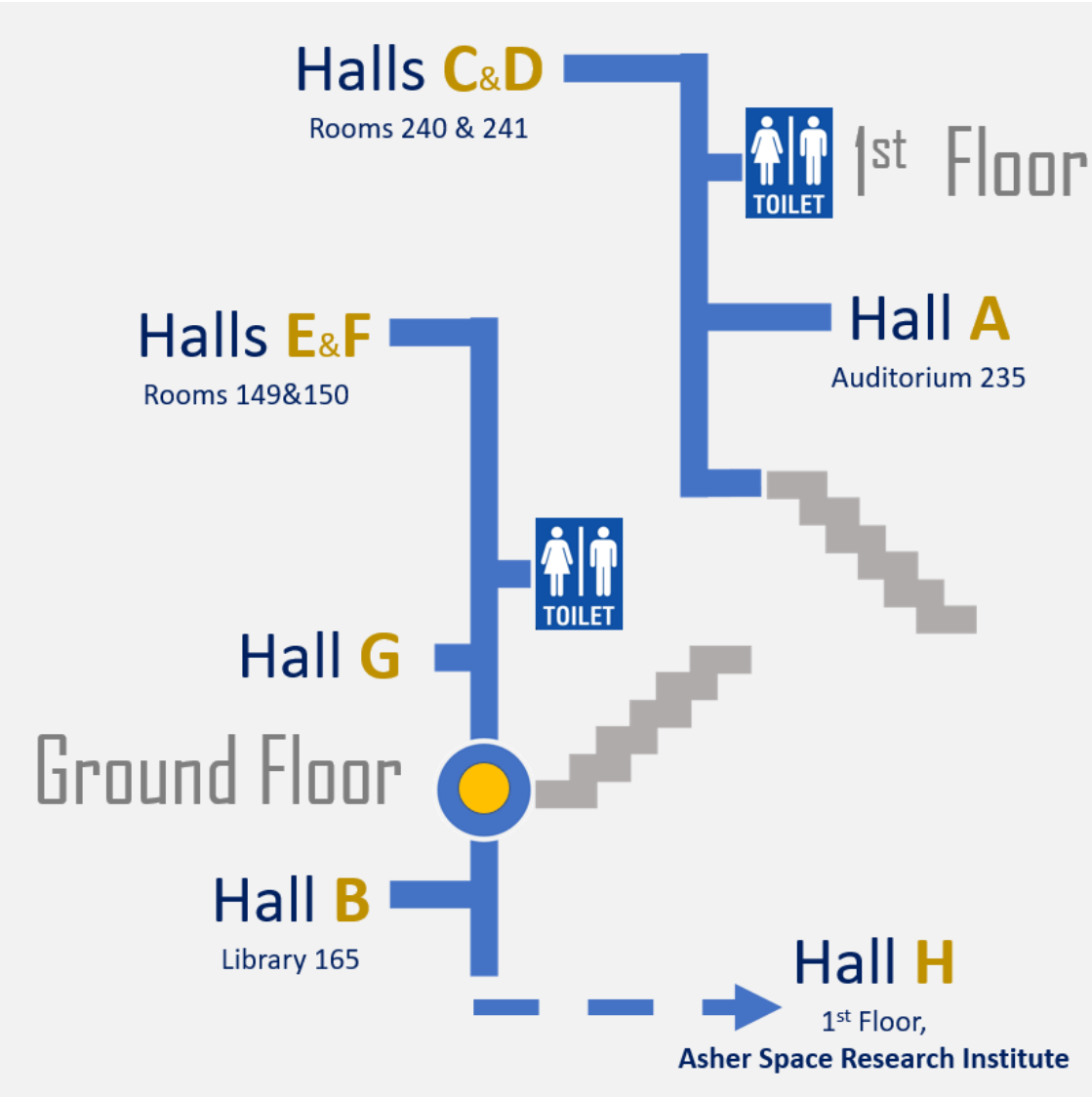
Optimal design of thin-walled beams with buckling considerations

Ameer Marzok Technion

IACAS

Session Halls at the

Faculty of Aerospace Engineering



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