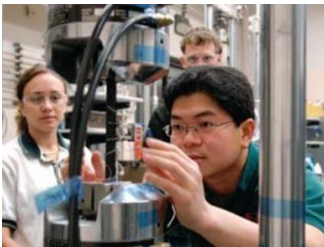


The Elements of Advanced Aerospace Testing



Composite Materials



- Fixed Wing Aircraft



▪ Accelerating structural testing with advanced compensation methods and hybrid simulation



MTS Systems and the Society of Indian Aerospace Technologies and Industries (SIATI) invite you to explore the technologies, methods and best practices needed for conducting advanced mechanical testing of aerospace materials, components and full-scale structures.

Featuring

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- *Static and fatigue testing of components and structures for:*
 - *Helicopters*
 - *Space/Launch Vehicles*
- *Optimizing structural test accuracy, High-temperature Alloys efficiency and speed*
- *Fatigue and fracture testing of lightweight composite materials and high-temperature alloys*

Location: [Society of Indian Aerospace Technologies and Industries \(SIATI\)](#)

Aeronautical Society Buildings
Surnjandas Road
Bangalore -560075
Karnataka, INDIA

Date: December 14, 2018

Time: 9:30 – 16:30
(lunch provided)

Cost: Free of charge

PRESENTERS:



Gene Woelffer
Sr. Applications Engineer
MTS Systems



HeungLyul Ko
Regional Sales Manager
MTS Systems

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Components & Sub-assemblies

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be certain.

Seminar Agenda - *subject to change*

Friday, December 14

9:30	Welcome Address	Dr.C.G.Krishnadas Nair, SIATI
9:45	Aerospace Testing Overview	Gene Woelffer, MTS Systems
10:15	Structural Testing: <ul style="list-style-type: none">- Full Scale Structural Test of SAAB Gripen- Bombardier C Series Full Scale Structural Test Program	Gene Woelffer, MTS Systems
11:00	Break	
11:15	Materials Testing: <ul style="list-style-type: none">- High Temperature Materials Testing- Polymer Composites Testing	HeungLyul Ko, MTS Systems
12:00	Lunch	
13:00	Structural Testing: <ul style="list-style-type: none">- Landing Gear Testing- Flight Control Component Testing	Gene Woelffer, MTS Systems
13:30	Materials Testing: <ul style="list-style-type: none">- NIAR Fatigue Life Assessment of F/A-18 A-D Wing-Root Composite	HeungLyul Ko, MTS Systems
14:00	Break	
14:30	Materials Testing: <ul style="list-style-type: none">- Digital Image Correlation- DCPD- NADCAP – National Aerospace & Defense Contractors Accreditation Program	HeungLyul Ko, MTS Systems
15:00	Structural Testing: <ul style="list-style-type: none">- Hybrid Simulation Tools & Techniques for Aerospace Structural Testing	Gene Woelffer, MTS Systems
15:30	Hydromechanical Considerations	HeungLyul Ko, MTS Systems
16:00	Q&A Panel Discussion	

Register Today

Learn more and register online at <http://www.mts.com/labexpert/bangalore/>,

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