

Third Edition

AEROSPACE & DEFENSE CONFERENCE

By Fluid Codes



Shaping the Future of Defense:

**Ansys Digital Engineering Fuelling Innovation
in Multi-Domain Systems Development**

REGISTER >



Thursday, 9 May 2024

8:00 AM - 2:30 PM



**The WB Abu Dhabi Hotel,
Curio Collection by Hilton,
Yas Island, Abu Dhabi, UAE**



Organized by: FLUID|CODES **Ansys** / CERTIFIED ELITE CHANNEL PARTNER /

**Shaping the Future of Defense:
Ansys Digital Engineering fuelling Innovation in Multi-Domain Systems Development**

Time	Topics & Presenter(s)
08:00 – 09:00	REGISTRATION
09:00 – 09:30	Introduction & Global Trends in Aerospace & Defense, An Ansys Perspective Steve Bleymaier, Brig Gen (USAF Retired), CTO A&D, Ansys Abbass Karim, General Manager, Fluid Codes
09:30 – 09:55	The critical role of Digital Mission Engineering in the development of cutting-edge aerospace and defense platforms, and payload systems Roberto Gemma, Manager - Europe, Ansys Government Initiatives
09:55 – 10:20	End to End workflow to develop Electro-Optic Infrared Systems and role of STOP assessment to ensure the thermal performance of the systems Alberto Ruffino, Manager - Optics & Photonics, Ansys
10:20 – 10:50	BREAK
10:50 – 12:00	Panel Discussion: “Rise of Middle East Aerospace and Defense Industry and Role of technology in Addressing multi-domain Challenges” Gen. John Nicholson, CEO, Lockheed Martin Middle East Carlo Igniades, Corporate VP, L3Harris Prof. Steven Griffiths, Board Member, Emirates R&D Council Steve Bleymaier, Brig Gen (USAF Retired), CTO A&D, Ansys Moderator: Sharief Fahmy, Executive Director, Kaman Corporation
12.00– 12.25	Advancement in the Spectrum operations Assets through electromagnetic simulations Neda Emami, Senior Application Engineer, Fluid Codes
12.25 – 12.50	Role of Ansys in next-generation directed energy systems development Rouf Baba, Senior Mechanical Engineer, Technology Innovation Institute - DERC
12.50 – 13.15	Fuelling Aerospace and defense critical Systems Design in meeting the functional safety, reliability and cybersecurity standards Pavel Bruk, Manager - Systems & Safety, Ansys
13.15 –13.30	Vote of Thanks
13.30 – 14.30	LUNCH

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Media Partner:



Strategic Partner:



Meet Speakers



**Steve
Bleymaier**

BRIG GEN (USAF
RETIRED), CTO
A&D, ANSYS



**Gen. John
Nicholson**

CEO, LOCKHEED
MARTIN MIDDLE
EAST



**Prof. Steven
Griffiths**

BOARD MEMBER,
EMIRATES R&D
COUNCIL



Sharief Fahmy

EXECUTIVE
DIRECTOR, KAMAN
CORPORATION



**Carlo
Igniades**

CORPORATE VP,
L3HARRIS



Rouf Baba

SENIOR MECHANICAL
ENGINEER,
TECHNOLOGY
INNOVATION
INSTITUTE - DERC



Pavel Bruk

MANAGER -
SYSTEMS &
SAFETY, ANSYS



Roberto Gemma

MANAGER - EUROPE,
ANSYS
GOVERNMENT
INITIATIVES



**Alberto
Ruffino**

MANAGER -
OPTICS &
PHOTONICS,
ANSYS



Abbass Karim

GENERAL MANAGER,
FLUID CODES



Neda Emami

SENIOR
APPLICATION
ENGINEER - HF,
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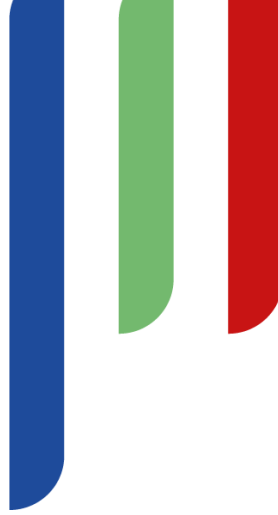


Elisa Berkane

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