33rd Annual INCOSE international symposium

hybrid event

Honolulu, HI, USA
July 15 - 20, 2023

Panel #19 "Scars from the battlefield – Lessons from Technical Leadership"

Panelists: Leema Kerkinni, Dr. Carla Sayan, Chris Schreiber, Dr. Amy Thompson
Moderator: Natalie Davila-Rendon

Leema Kerkinni

Leema is a Principal Systems Engineer at Eli Lilly and Company, where she develops medical devices in the connected drug delivery space. She has experience as the Systems Engineering lead for device and System of Systems development on various injection-based platforms, ranging from capsules to autoinjectors to large volume delivery. Previously, she worked as a Project Manager at DaVita Clinical Research.She holds a B.S. in Neurobiology & English from the University of Wisconsin-Madison and a M.S in Systems Engineering from the University of St. Thomas (St. Paul, MN).

Natalie Davila-Rendon

She has a wide range of experience in the engineering field which includes test equipment, operations, and systems engineering. She has developed her leadership skills by holding different leadership positions in professional organizations. Currently she is in the SHPE National Board of Directors.

Dr. Amy Thompson

She joined the University of Connecticut (UConn) in 2017 as an Associate Professor-In-Residence of Systems Engineering and as the Associate Director for the Pratt & Whitney Institute for Advanced Systems Engineering.

She currently teaches systems engineering courses and coordinates the graduate programs in Advanced Systems Engineering for the Institute. She is the Director for UConn's SmartBuildingsCT and Asst. Director of the UConn DOE-IAC.

Chris Schreiber

He is a Director for Lockheed Martin Space with responsibility as the Chief Engineer for Space's IT and Digital Enablement organization.

For the past 15 years Chris has been focused on developing and deploying Model-Based Engineering practices, training, and infrastructure at Space Systems. He has led many Model-Based Engineering and Systems Engineering pilots, IRADs and implementations, including Systems Engineering efforts for Lockheed Martin's Digital Tapestry Initiative.

Dr. Carla Sayan

Carla Sayan, Ph.D. is an Associate Director for Systems Engineering at Pratt & Whitney an RTX Company. She has 18+ years of extensive knowledge and industry experience in various domain areas: Sensors and Effectors, Multi-Function RF Systems, Counter Unmanned Aircraft System, Systems of Systems Architecture, and Embedded Systems Integrity. She is an Industry expert for transformations implementing Agile and Model-Based Engineering Initiatives across Franchise Level Programs where she has established relationships with govt customers and senior leaders supporting radar, cyber, advanced technologies and missile defense programs.

Agenda

- Brief Introductions
- What does Technical Leadership mean to you?
- Real world examples to implement "good" Technical Leadership
- Failures or misunderstanding when applying leadership techniques
- How organizations groom existing employees for management vs leadership positions
- How are the concepts of Management and Leadership taught in our universities/communities?
- Recommendations on curriculum for academia or training
- Practices that you have seen that work for Technical Leaders
- Recommendations to communicate and educate on the difference between Management vs. Leadership
- How do we embrace Technical Leadership and distinguish its utilization to influence the workplace?

Problem solving

Managing resources

Inspiring

Help people

Budget

Planning

Capacity to lead

Supervising

Setting direction

Execute strategic plans

Vision

Thinking strategically

Motivating

What does Technical Leadership mean to you?

Real world examples to implement "good" Technical Leadership

Failures or misunderstanding when applying leadership techniques

How organizations groom existing employees for management vs leadership positions

How are the concepts of Management and Leadership taught in our universities/communities?

Recommendations on curriculum for academia or training

Practices that you have seen that work for Technical Leaders

Recommendations to communicate and educate on the difference between Management vs. Leadership

How do we embrace Technical Leadership and distinguish its utilization to influence the workplace?

33rd Annual INCOSE international symposium

hybrid event

Honolulu, HI, USA
July 15 - 20, 2023

www.incose.org/symp2023
#INCOSEIS