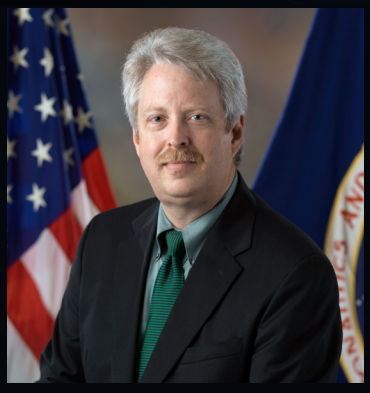
TEXAS A&M
Institute of
Data Science

Seminar Series



Date:
September 16, 2024

Time:
2:00 - 3:00 pm

Location:
Blocker 220 and
Zoom

Faculty host:
Dr. Nick Duffield,
Director of TAMIDS

Contact:
Delany Baum
delany_baum@tamu.edu

Zoom ID:
974 9688 4861
Passcode: 923446

Click here to join the Zoom meeting!

Mr. Lynn Vernon

Chief Engineer for IT at NASA - Johnson Space Center

Mr. Lynn Vernon is the Chief Engineer for IT in the Office of the Chief Information Officer at Johnson Space Center in Houston, Texas. He assists in the development of strategies and processes used to manage the Johnson Space Center information technology systems and services, providing system engineering and strategic leadership to advance technology services and support NASA's missions' needs and achieve federal policies and guidance.

Mr. Vernon's career at NASA spans 36 years where he has served as a Ground Controller for mission operations, Manager of the Mission Control Center and Integrated Planning System development and Operations, Chief of Application and Data Systems, Agency CIO Service Integration Manager, Associate Director for IRD, Acting Deputy Director for University Collaboration and Partnerships Office, and Chief Engineer for Information Technology.

Mr. Vernon holds a B.S. degree in Electrical Engineering with expertise in Information Technology operations, development, systems engineering, and strategic planning in mission-critical and administrative systems. He has received numerous awards from NASA including the Silver Snoopy and one of the highest NASA honors – the NASA Exceptional Service Medal in 2012 for exemplary leadership in information technology and systems.

Data Challenges and the Future of AI in NASA Missions

The NASA Space Act, originally enacted in 1958, provides the framework for NASA's operations and partnerships. The Act emphasizes the importance of sharing and disseminating information. This act, and the associated provisions, ensures that NASA's data contributes to scientific advancement and is accessible for various applications. This seminar will be a discussion of where NASA is going and some of the challenges of the evolution of data within the NASA missions and where it is evolving going forward. We will also discuss the role of Artificial Intelligence in the future of NASA's missions.

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