

# The Virginia Academy



- **Formation:** *incorporated as a non-profit in 2013 at the encouragement of Senator Mark Warner*
- **Primary mission:** *To Inform, Advocate, and Serve*
  - **Inform:** Provide an *independent* resource of expertise in science, engineering, and medicine to Virginia.
  - **Advocate:** Promote investments in job growth, research, and solutions to challenges in science, engineering, and technology.
  - **Serve:** Foster new collaborations between businesses and Virginia's universities, colleges and other non-profit organizations
  - **Secondary mission:** *to increase the number of National Academy members from the Commonwealth*



# VASEM Upcoming Event – Virginia AI Summit

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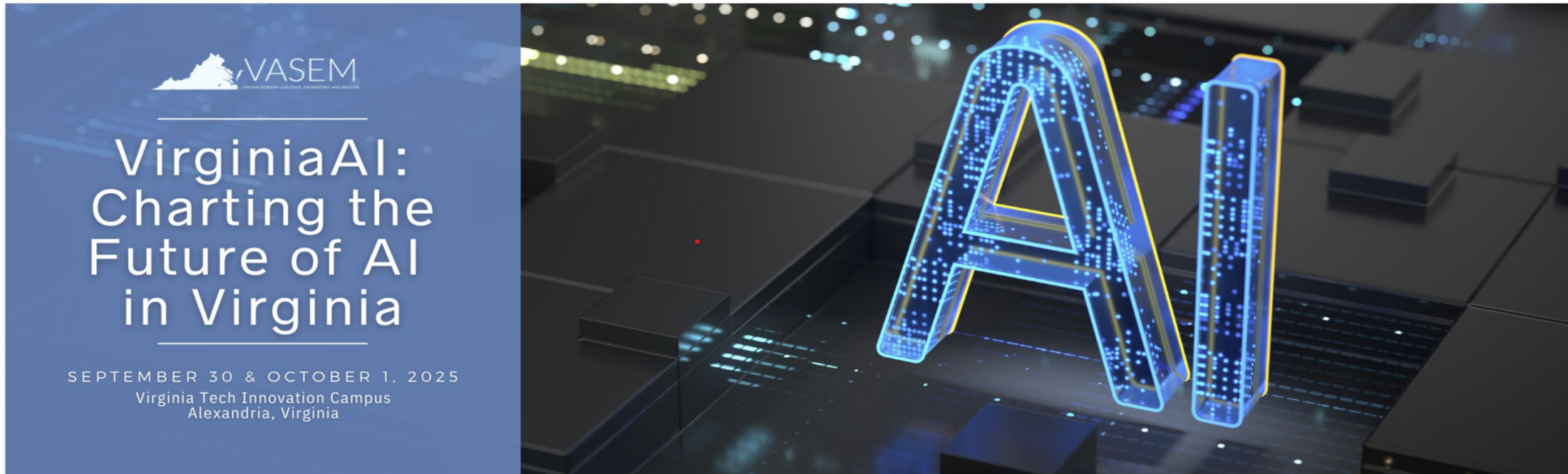


***Location: Virginia Tech Institute for Advanced Computing, Alexandria, VA***

***Topic: AI Science, Engineering and Medicine***

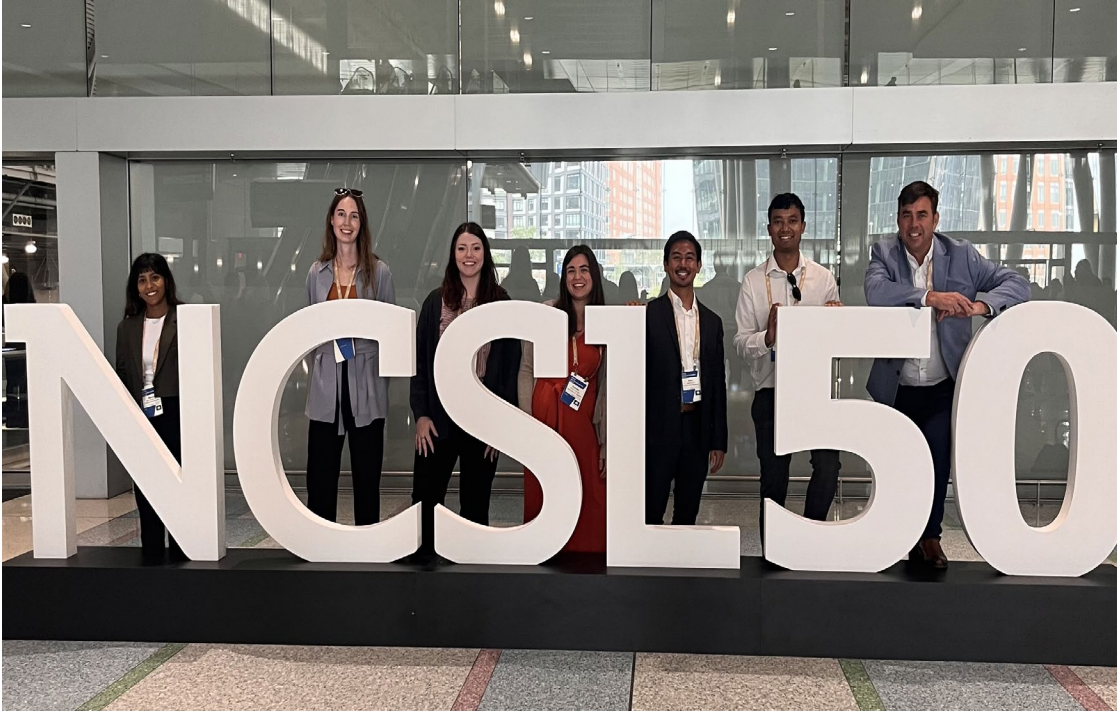
***Date: Sept. 30<sup>th</sup> and Oct. 1<sup>st</sup>***

***Registration: OPEN at [VASEM.org](https://vasem.org)***





## COVES Fellowship and UPP Undergraduate Programs



COVES fellows attending NCSL in Boston

In 2025 we partnered with 18 Host Offices with 20 COVES Fellows.



New UPP program with guest speaker  
Delegate Destiny Bolling – July 2025

## The Virginia Academy – Thank You!

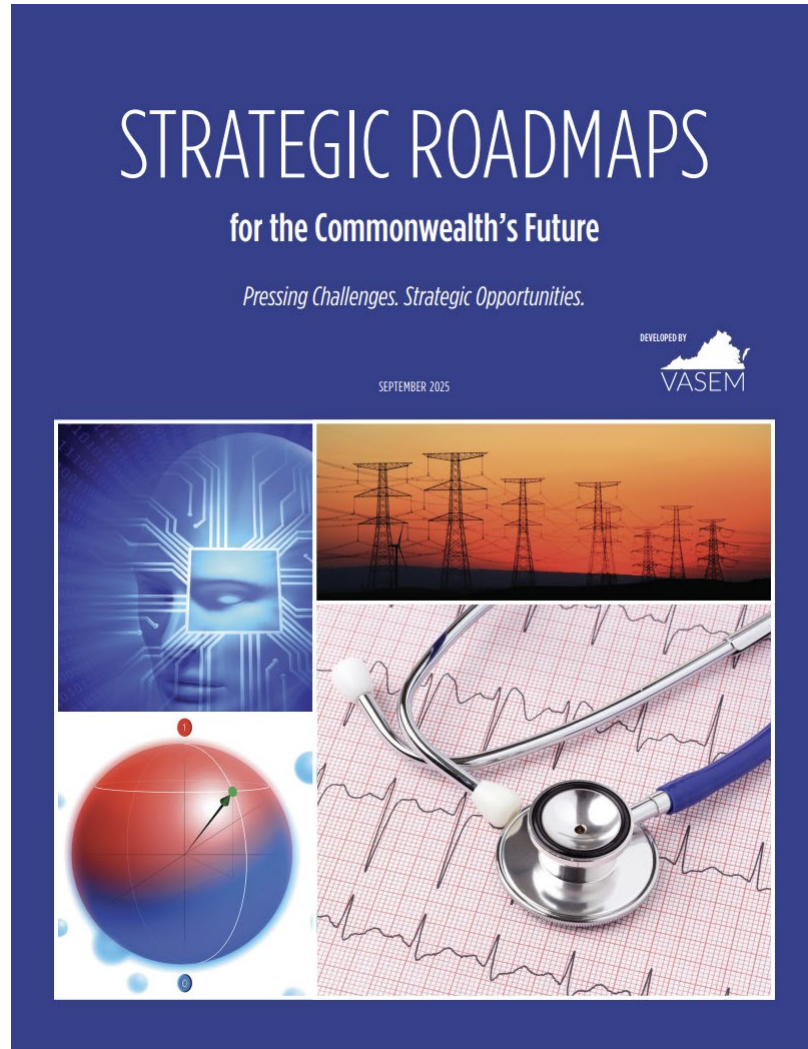
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VASEM would like to thank JCOTS for its continued support.



Mr. Alfred Grasso  
President  
President and CEO (Ret.)  
MITRE Corporation



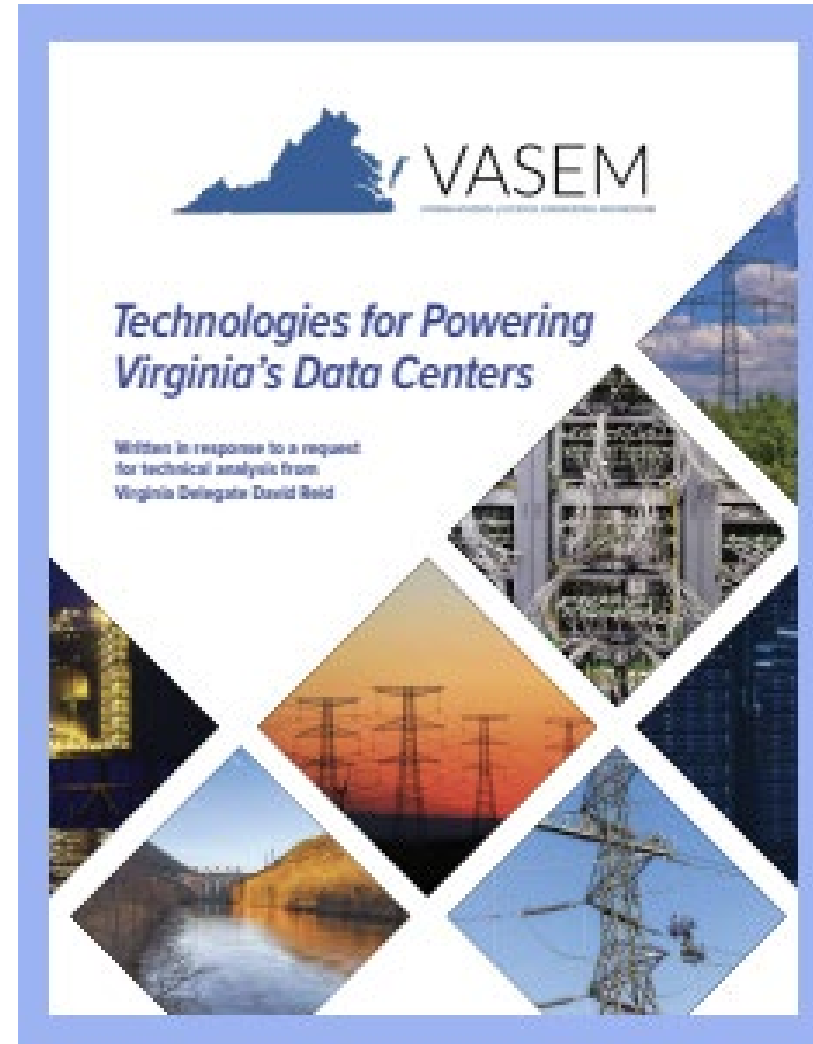
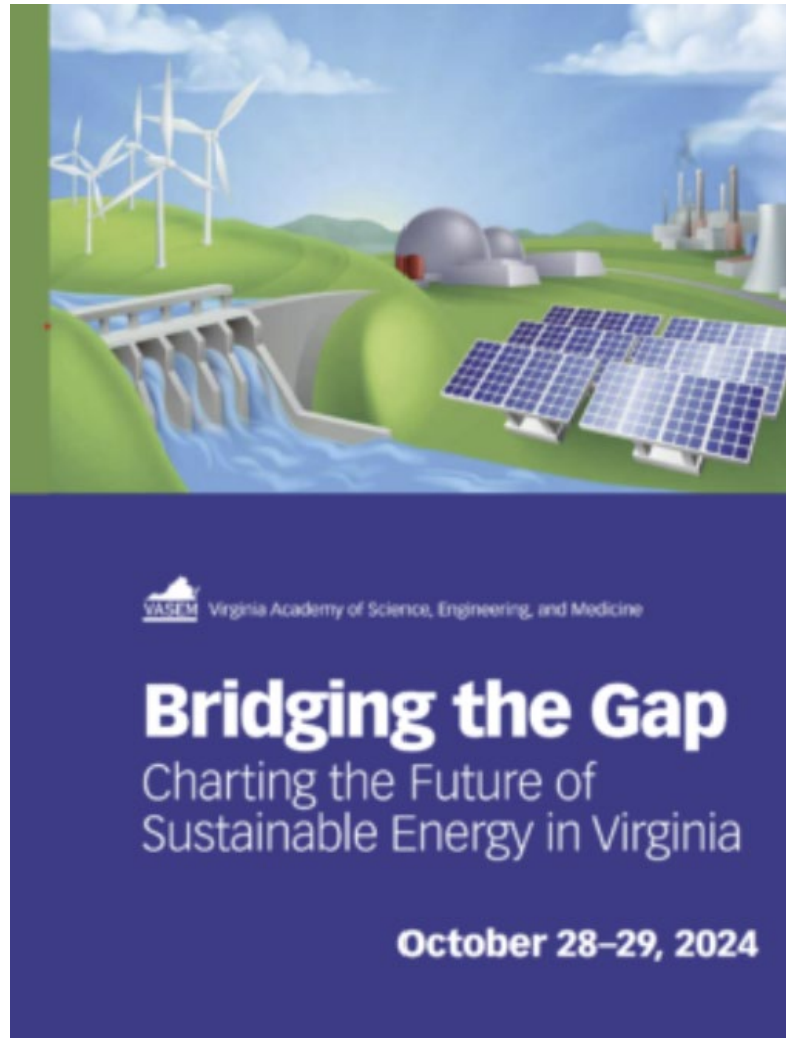
## Strategic Roadmaps for the Commonwealth's Future

### Contents – 4 Major Areas

1. Preparing for Artificial General Intelligence
2. Meeting Virginia's Fast-Growing Energy Demand
3. Improving Virginia's Health Outcomes
4. Positioning Virginia for the Quantum Revolution

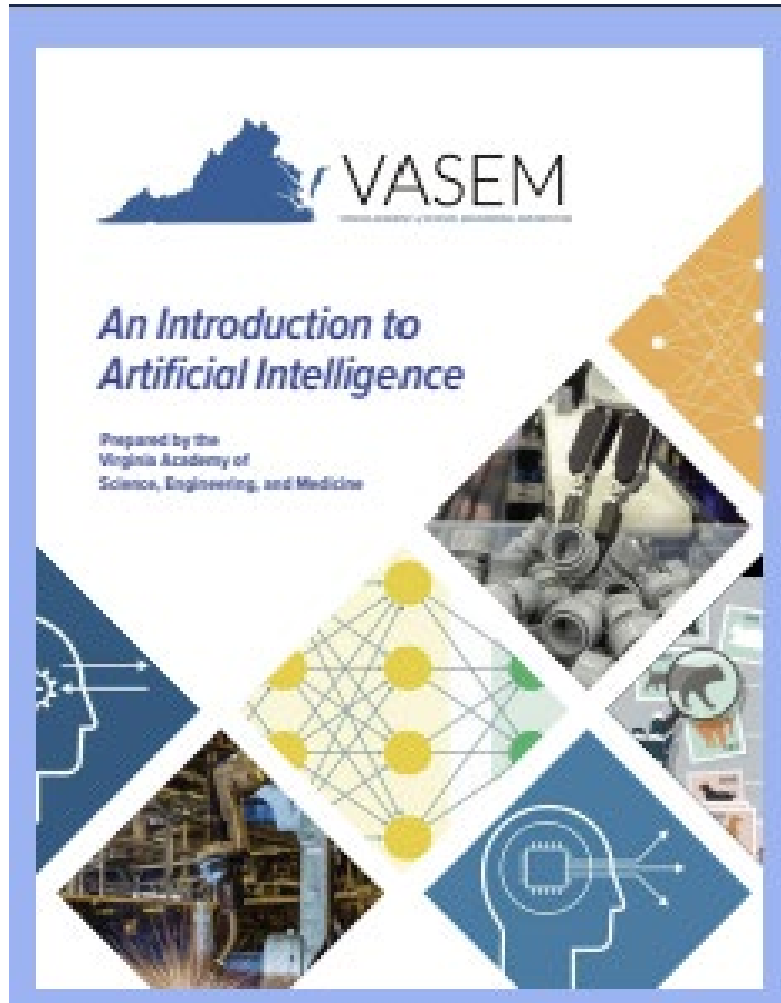


# The Virginia Academy – 2024 – Energy Summit and White Paper



# The Virginia Academy – An Introduction to Artificial Intelligence

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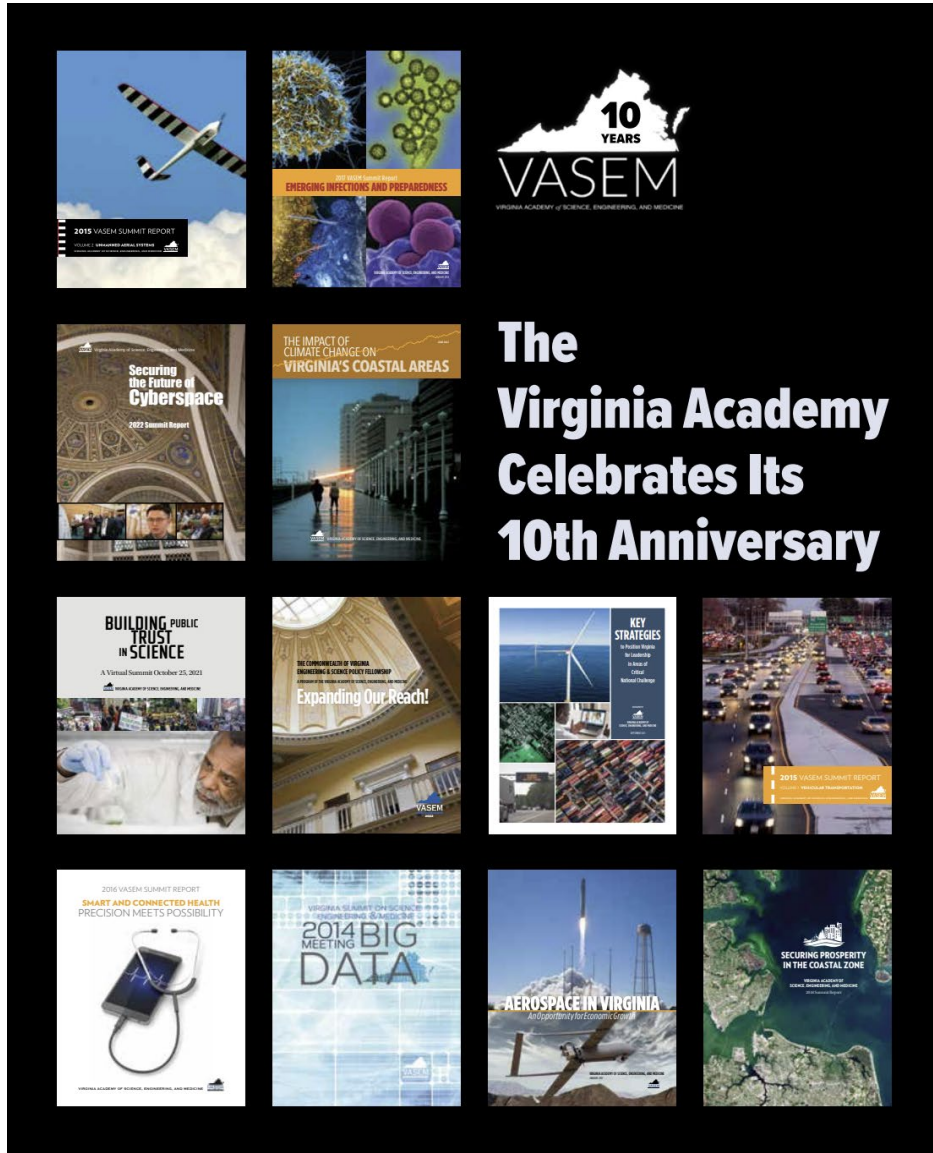


This White Paper is focused on understanding AI

Several Key Components

- Understanding Artificial Intelligence
- Machine Learning
- Generative AI
- Ethical Issues
- Artificial Intelligence vs. Human Intelligence
- Three Visions for an AI Future

# The Virginia Academy – Past Ways we have served the Virginia



## 11 years of Summits

- 2025 - Artificial Intelligence
- 2024 - Sustainable Energy
- 2023 - Smart Communities
- 2022 - Securing the Future of Cyberspace
- 2021 - Building Public Trust in Science
- 2018 - Securing Prosperity in the Coastal Zone
- 2017 - Emerging Infections and Preparedness
- 2016 - Smart and Connected Health
- 2015 - Vehicular Transportation
- 2015 - Unmanned Aerial Systems
- 2014 - Big Data