

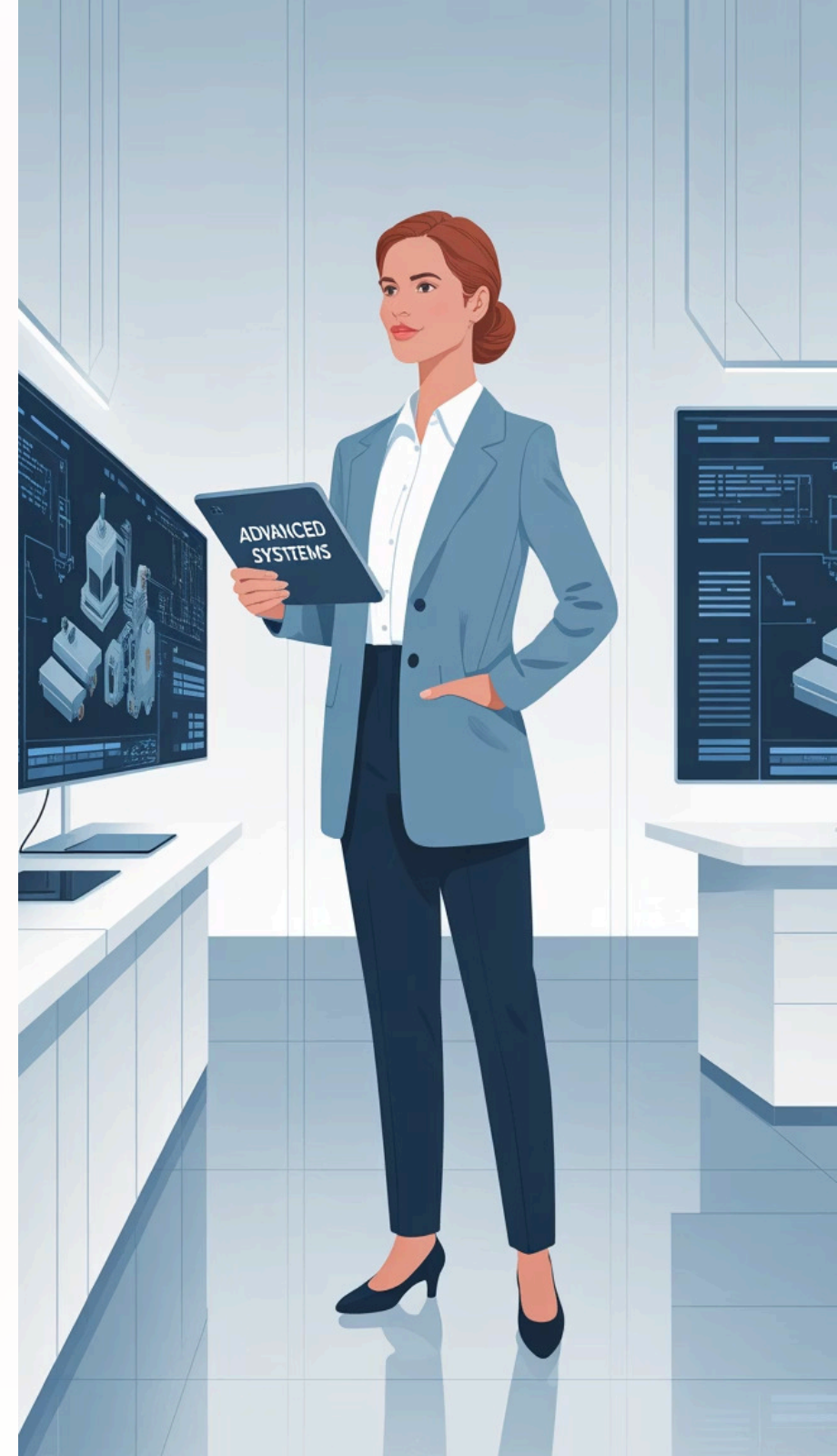


Systems Engineering Research & Innovation

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Research Focus Areas

Systems Engineering & Systems Thinking

Investigating methodologies for complex systems development and integration, with emphasis on developing advanced systems thinking capabilities among engineers and managers.

Complex Project Management

Exploring risk management strategies and decision-making frameworks for large-scale, multi-faceted engineering projects with high uncertainty factors.

System of Systems (SoS)

Researching emergent behaviors and integration challenges in interconnected systems with independent operational and managerial attributes.

Current Research Initiatives



- AI implementation and evaluation in systems engineering processes
- Virtual Reality applications for system visualization and testing
- Risk assessment methodologies for complex projects
- Development of systems thinking competencies

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