

AI – Spatial Computing Hub

- Purdue, in collaboration with Apple, plans to launch a spatial computing hub utilizing Apple Vision Pro in Fall 2025; New facility: Wang Hall, planned opening date: 9/22/2025
- Gateway to widespread adoption through apps
- Examples of initial research and education projects
 - Semiconductors manufacturing and modeling
 - Virtual twins and immersive learning experiences (e.g., Birck Nanotechnology Center)
 - Adaptive multi-modal education and workforce development (e.g., pharmaceutical manufacturing)
 - Real-time 3-D reconstructions and visualization (e.g., radiopharmaceutical manufacturing)
 - Veterinary medical and veterinary nursing education
 - Human-robotic swarm teaming through AR/VR
- Purdue will create a specialized graduate certificate in spatial computing as part of the existing Master of Science in software engineering

