

3 December 2020

MITRE Bridging Innovation Newsletter

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Our MISSION is to build pathways to discover, accelerate, and deliver innovation from non-traditional sources to solve national problems.

NEWS

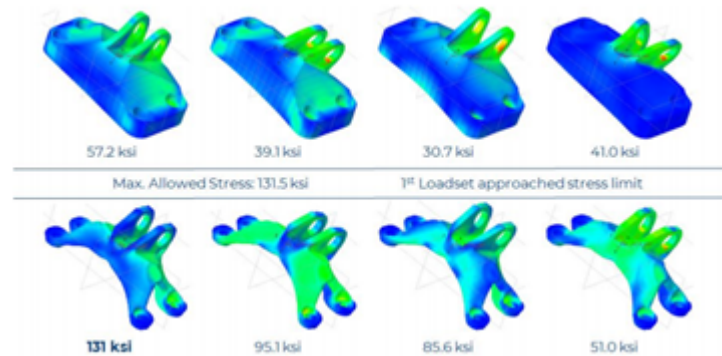
Accelerating the Readiness of Augmented and Virtual Reality for Mass Deployment

Emerging technologies that are unlike anything that came before, are often dismissed as a toy – a temporary novelty with high entertainment value for consumers, but with little practical business use. Very few examples fit that description better than Augmented and Virtual Reality (AR/VR). Through our work with our government sponsors, there are ample opportunities to apply AR/VR technology towards ...

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Rethinking Topology Optimization through Iterative Design Cycles with Pareto

Designing and manufacturing parts with a straightforward goal, for instance, to be lightweight and provide the greatest strength with available materials at a reasonable cost can be a fairly uncomplicated endeavor. Add a goal of improved heat transfer in a multiple load scenario and the complexity of the manufacturing challenge grows enormously, with the ability to design and evaluate parts ...

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Mentoring in the Innovation Ecosystem: Michael Balazs

When Michael Balazs, chief futurist at MITRE, became the Charlottesville site leader, he wanted to grow the interactions with the local community to ensure MITRE delivers the best solutions for our government sponsors. He specifically focused on growing the autonomy work program and always looking for the latest technology to give us an edge. The Nibbler drone was an early ...

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Events

AFWERX announces virtual Accelerate Event - 7-11 December



LAUNCHING A UNIVERSE OF OPPORTUNITY

Accelerate Change! This inspiring virtual event will highlight how AFWERX is institutionalizing air and space innovation across the Department of the Air Force.

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Hacking Healthcare Transformation with Digital Technology + Open Innovation - 14 December

Healthcare's tectonic shifts are forcing fundamental business model change to every one of it's players, both in the United States and globally. Medical and health technology — for decades derided as the driver of increased health costs — are now the key enabler of new products, re-imagined services and new business models to extend the reach and impact of healthcare. ...

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Cybersecurity for Robotics 2020 Conference - 17-18 December

CyberSecurity for Robotics (CSfR) aims bringing together stakeholders from multiple areas jointly trying to raise the level of CyberSecurity in robots and robotics. Started in Bilbao in 2019, we focus towards robot manufacturers and machine builders; industrial manufacturing, healthcare, logistics, defence, automotive, ... end users; system integrators and developers; operators and business owners and facilities and security managers personas. Our ...

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