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## NASA Institute for Advanced Concepts Awards \$75K Spaceflight Computer Grant to The Right Stuff of Tahoe

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NIAC, the NASA Institute for Advanced Concepts, has awarded a grant to The Right Stuff of Tahoe for research on interstellar spacecraft flight computers.

The northern Nevada high-tech firm will study and evaluate architectures for fault tolerant multi-computers. In addition to crunching numbers aboard space-based platforms, fault tolerant architectures are enablers for earth-based supercomputing applications in genetics and physics.

Dr. Laurence E. LaForge, President of The Right Stuff of Tahoe, is principal investigator for the project, titled "Architectures and Algorithms for Self-Healing Autonomous Spacecraft". Dr. LaForge is a graduate of MIT and McGill University. A two-time NASA Fellow, he is as well an adjunct professor of Computer Science and Mathematics with Embry-Riddle Aeronautical University.

"The National Aeronautics and Space Administration the nation's leader for space exploration," Dr. LaForge said. "It's an extremely tough mission, and I am grateful for the chance to earn the agency's confidence. This project builds on results from my NASA-sponsored research at the Jet Propulsion Laboratory 'Fault Tolerant Physical Interconnection of X2000 Computational Avionics'."

In addition to multi-computer architectures, The Right Stuff of Tahoe makes and sells computer programs that create and read digital stationery, using standard inks and stock paper. Employing high-density bar codes in novel ways, the RightCardWare<sup>TM</sup> family of software prints and scans digital business cards for more than 11,000 customers.