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Ad Astra's Dr. Jared P. Squire is elected
Associate Fellow of the American Institute of
Aeronautics and Astronautics

[Webster, Texas – for immediate release] – Dr. Jared P. Squire, a founding member of the Board of Directors of Ad Astra Rocket Company and the firm's Sr. VP. Research, has been elected an Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA). The Reston, Va. Organization made the announcement on September 8, 2015, as it released its 2016 Class of Associate Fellow Honorees:

<http://www.aiaa.org/SecondaryTwoColumn.aspx?id=29882>

The new class will be honored in San Diego, California on January 4, 2016, in conjunction with the AIAA Science and Technology Forum and Exposition 2016 ([AIAA SciTech 2016](#))

A native of California's Central Valley, Dr. Squire obtained his PhD in Physics from MIT in 1993 and joined the VASIMR® project in 1995 while the latter was still at the Johnson Space Center's Advanced Space Propulsion Laboratory (ASPL). At ASPL, Dr. Squire played a critical role in the successful evolution of the VASIMR® engine, from a physics test-bed, to the highly integrated, 200kW VX-200™ prototype of today. He is one of the founding board members of Ad Astra and has been an integral part of the company's leadership since its inception in 2005.

"This is a well deserved honor and recognition for Dr. Squire," said Dr. Franklin Chang Díaz, Ad Astra's Chairman and CEO. "His extraordinary vision and technical knowledge have been major factors in the successful maturation of the VASIMR® engine over more than 20 years. We are very happy and proud that his achievements are being recognized by the industry's most reputable organization."

ABOUT THE TECHNOLOGY

Short for Variable Specific Impulse Magnetoplasma Rocket, VASIMR® works with plasma, an electrically charged gas that can be heated to extreme temperatures by radio waves and controlled and guided by strong magnetic fields. The magnetic field also insulates nearby



structures so exhaust temperatures well beyond the melting point of materials can be achieved. In rocket propulsion, the higher the temperature of the exhaust gases, the higher their velocity and the higher the fuel efficiency. Plasma rockets feature exhaust velocities far above those achievable by their chemical cousins, so their fuel consumption is extremely low.

ABOUT AD ASTRA

A US Delaware corporation established in 2005, Ad Astra Rocket Company is the developer of the VASIMR® engine, an advanced plasma space propulsion system aimed at the emerging in-space transportation market. Ad Astra also owns and operates supporting research and development subsidiaries in the US and Costa Rica. Through its subsidiaries, the company also develops earthbound high technology applications in renewable energy, advanced manufacturing and applied physics. Ad Astra has its main laboratory and corporate headquarters at 141 W. Bay Area Boulevard in Webster, Texas, USA, about two miles from the NASA Johnson Space Center.