



NEWS

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Aerospace engineer to present at Mesa State

Grand Junction - Mark Ivanov, a senior mission design engineer currently working in the Entry, Descent, and Landing (EDL) group at the Jet Propulsion Laboratory (JPL), will give a presentation entitled, "Passion, Commitment, Possibility: The Path to Adventure at JPL", on Tuesday, Nov. 25, at 12:30 pm in Room 104 of the new classroom building at Mesa State College.

Though his talk will be somewhat technical and targeted at engineers and engineering/science students, the public is invited to attend. There is no charge.

The Jet Propulsion Laboratory is NASA's premier organization for space exploration with missions to the Earth, the solar system, and beyond. At the heart of JPL's success is the passion, commitment, and possibility practiced by its engineers. Ivanov will present an overview of the projects he has personally worked on as well as an overview of some of the current JPL missions including those still on the drawing board.

The path to success at JPL is being passionately committed to a possibility, in this case exploring the universe. But these same values enable all engineers in all disciplines to achieve their own personalized career success while making a profound difference in the world. Advice on generating a path to a successful engineering career will also be discussed.

Ivanov's expertise is in atmospheric trajectory design and flight mechanics, breakup and burn-up of vehicles in planetary atmospheres, and entry vehicle sizing for next generation EDL missions. He has worked in industry for more than 22 years in a variety of positions including Lead Titan IV/Centaur Mission Design Engineer at General Dynamics Space Systems, a Lead Technology Transfer Engineer for New Business Development at Lockheed Martin Corporation, a Program Manager for Satellite Development at EchoStar Communications Corporation, and currently at JPL as Lead Engineer within the Mars Program Office responsible for the EDL mission design for all future JPL Mars

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