

Associate Prof. Dr.-Ing. Yi Li

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RESEARCH INTEREST

Aerodynamics, Sounding rocket, Space education

WORK EXPERIENCE

School of Astronautics, Northwestern Polytechnical University, China, since Sep. 2015

- Assistant Dean
- Chairman of the Association of Sounding Rocket and Space Technology, Shaanxi Society of Aeronautics and Astronautics

Institute of Aerodynamics and Flow Technology, German Aerospace Center, DLR, Oct., 2009 – Oct. 2014

EDUCATION

Technical University Braunschweig, Germany, Oct. 2009 - July 2015

Dr.-Ing, July 2015

Northwestern Polytechnical University, China, Sep. 2002 - April 2009

M.Eng, April 2009

B.Eng, July 2006

PUBLICATIONS

Yi Li, Bodo Reimann and Thino Eggers, "Coupled Simulation of CFD-flight -mechanics with a Two-Species-Gas-Model for the Hot Rocket Staging", ACTA Astronautica, July 5, 2016.

Yi Li, Bodo Reimann and Thino Eggers, "Numerical Investigations on the Aerodynamics of SHEFEX-III Launcher," Acta Astronautica, Vol. 97, No. April–May 2014, pp. 99-108.

Yi Li, Thino Eggers and Bodo Reimann, "A Dynamics Study for the Hot Stage Separation of a Multistage Rocket with a Coupled CFD Flight Mechanics Approach," 18th AIAA/3AF International Space Planes and Hypersonic Systems and Technologies Conference, Tours, France, 24 -28 Sep. 2012

Yi Li, "Hot stage separation of Rockets using coupled CFD and flight mechanics method," DLR-Forschungsbericht 2015-19, Cologne, 2015. ISSN 1434-8454, ISRN DLR-FB--2015-19.