Faculty of Mechanical Science and Engineering

The Institute of Aerospace Engineering, Chair of Space Systems offers, subject to resources being available, a position as

Research Associate
(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at 01.01.2020. The position entails 100 % of the fulltime weekly hours, of which 50 % are limited for 2 years (until 31.12.2021) and 50 % are limited for 4 years (until 31.12.2023). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. PhD).

Tasks:
• Project management and coordination between TU Dresden, European Commission and project partners
• Tracking of scientific and training deliverables
• Organisation of network-wide training events
• Design of chemical space propulsion components for additive manufacturing
• Investigation of post-processing of additively manufactured propulsion components
• Experimental testing of propulsion components in cold-flow and hot-fire tests
• Supervision of student theses
• Scientific publications and participation in scientific conferences, symposia, workshops.

Requirements: good or excellent university degree in mechanical engineering, aerospace engineering or similar, knowledge of chemical space propulsion, experience in additive manufacturing desired, independent and flexible work attitude, innovative and analytical thinking, high commitment, excellent communication skills, proven ability to work in a team, fluent English, scientific curiosity. We are searching for a top-class and pro-active scientist, who seeks an academia profile.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your comprehensive application including the usual documents by 12.11.2019 (stamped arrival date of the university central mail service applies) by mail to: TU Dresden, Fakultät Maschinenwesen, Institut für Luft- und Raumfahrttechnik, Professur für Raumfahrtsysteme, Herrn Prof. Dr. Martin Tajmar, Helmholtzstr. 10, 01069 Dresden. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis