



ISU Resident Faculty

Profile: Space Engineering

To provide the next generation of International Space University (ISU) students and young professionals with an outstanding education, we are inviting applications for a resident faculty member specializing in the area of Space Engineering. As an academic appointment with faculty rank, this position includes teaching, research, and university services. The successful applicant will be responsible for the planning and delivery of space engineering principles within the ISU Master's Program, while at the same time supporting other ISU programs in her/his research field. Teaching will cover space systems engineering principles required for successful space missions and related areas of application services.

ISU is the sole institution worldwide devoted entirely to space education since 1987. It is made up of a unique network around the world with a Central Campus in Strasbourg (France), and with hubs in the USA and the Asia-Pacific region, as well as partnerships with leading space organizations worldwide.

Responsibilities:

- Curriculum planning in coordination with the ISU Master's Program Team
- Teaching in the field of space engineering principles and applications related to the Master's Program and in other ISU programs, as necessary (e.g., Executive Space Course, Space Studies Program).
- Mentoring and serving as an Academic Advisor to students of the Master's Program
- Setting and evaluation of assignments/exams and assessment of student work
- Supervision of Master's Thesis Projects
- Contribution to/supervision of Master's Program Team Projects
- Evaluation of student applications to the Master's Program
- Participation in other tasks related to ISU academic activities
- Preparation of research funding applications and participation in research activities in the field of space engineering and applications

Qualifications:

- PhD in Aerospace or Mechanical Engineering or a related field
- Experience in teaching at a graduate level curriculum in space engineering principles
- Track record of research in the domain of space engineering, including successful funding applications, research project/facility management
- Demonstrated record of peer-reviewed, journal articles, books, or conference papers related to space
- Excellent knowledge of English (ISU's official language of instruction)

INTERNATIONAL SPACE UNIVERSITY

1, rue Jean-Dominique Cassini • Parc d'Innovation • 67400 Illkirch-Graffenstaden • FRANCE

Telephone +33 (0)3 88 65 54 30 • Fax +33 (0)3 88 65 54 47

n° SIRET 395 006 315 00026 • APE 8542 Z

www.isunet.edu

Preferred Qualifications:

- Ability to adapt teaching pedagogy to the knowledge of each individual and class
- Ability to work effectively both independently and as part of a multidisciplinary team, collaborating with researchers from diverse backgrounds, to be innovative, and to see tasks through to completion
- Experience in curriculum and assessment design
- Experience in computational and/or empirical (e.g., laboratory) research
- Experience working with interdisciplinary, intercultural, and international teams or organizations

Interested candidates are invited to apply by email: hr@isunet.edu, addressing their application to: ISU Human Resources, Parc d'Innovation - 1 rue Jean-Dominique Cassini – 67400 Illkirch-Graffenstaden - France.

The International Space University is an equal-opportunity employer, and women and under-represented minorities are especially encouraged to apply.

This is a full-time position based at the International Space University (ISU) Central Campus in Strasbourg, France. The successful candidate will have opportunities for professional development and networking within the space sector. Salary is commensurate with experience.

Application process and dates

Review of applications will begin April 14th, 2024 and will continue until the position is filled. Applicants should submit a letter of intent outlining the applicant's teaching and research goals, a complete curriculum vitae, and the names, titles, addresses, and contact information of three references. Transcripts will be required from finalists.

Starting date: 1 September 2024 or earlier