

Vacancies

Internship - Ground Systems Engineering - HTS Ground Simulator

Ref	SESo80g
Region	Europe
Location	Luxemb Betzdorf
Company	SES
Category	Ground , Terrestri Engineer
Position	Internsh
Published	2016-05-

Context

SES is a world-leading satellite operator, providing reliable and secure satellite communications solutions to broad telecom, corporate and government customers worldwide.

This is an exciting opportunity to become part of the Ground Systems Engineering team in a fast-paced, growing organization within a dynamic and unique industry. Based in Betzdorf, you will be involved in the systems level engineering of the new SES High Throughput Satellite related ground systems and will create a complete ground simulator for multi-carrier Gbit uplink/downlink stations.

Responsibilities

- Analyse the HTS ground station needs (engineering and operations)
- Analyse the interfaces the operational simulator shall have (including satellite behavior)
- Define a station simulator concept and identify the appropriate software environment
- Develop the level and link parameters and dependencies and develop the SW system
- Set-up an operational system, parametrize for all existing and future HTS ground stations
- Configure the interface to other planning tools as required (file based or DB based)
- Document all steps and parts and hand-off for operations
- Participate in ground station design discussions
- Work together with Ground and Satellite Engineers.

Experience / Qualifications

- Current and advanced student in RF/Telecommunications (Master's as target)
- Fluency in spoken and written English (considered as an asset: German)
- Computer literate (MS Word/Excel, VBA for Excel, C, Matlab or similar)
- Strong analytical skills
- Interest in the media/telecommunication business
- Drive to follow-through on task until completion
- Good communication and inter-personal skills
- Ability to work autonomously as well as in team
- Can-do attitude; ready to work in a challenging and international environment

- EU work permit or valid work permit for Luxembourg.

Our Offer

Competitive salary package, coupled with a diverse array of challenges and development benef

SES is an Equal Opportunity and Affirmative Action Employer.

This position reports to

Vice President, Ground Systems Engineering

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