

BURSARIES • VACATION WORK TRAINING • CAREERS

EM Software & Systems (www.emss.co.za)
Technopark, Stellenbosch, South Africa



COMPANY INFORMATION

EMSS is a company active in the field of electromagnetic (EM) engineering. Its flagship product is the EM simulation and visualization package FEKO (www.feko.info). Distributors of FEKO are located in the USA, EU, Japan, South Korea, China, Taiwan, India and Israel. It is used widely in the international automotive, naval and aeronautical industries with many high-profile customers such as NASA, Boeing, Daimler, etc. Applications of FEKO range from antenna design and antenna placement, to microwave circuits. Other software products also aimed at the international market are under development, e.g. the EM compliance software system IXUS (www.emssixus.com).

EMSS is also involved in extensive consulting work, such as the management of cellular network radiation compliance on the African continent. EMSS has an antenna technology division, which at present is focusing on developing sophisticated reflector feed systems for the Karoo Array Telescope (KAT), a national radio astronomy project.

OPPORTUNITIES

EMSS currently has about a hundred employees consisting mostly of engineers and software developers. The company is continuously on the lookout for talented and motivated EM engineers and software developers to form part of our dynamic development, support, consulting and marketing teams.

Bursaries:

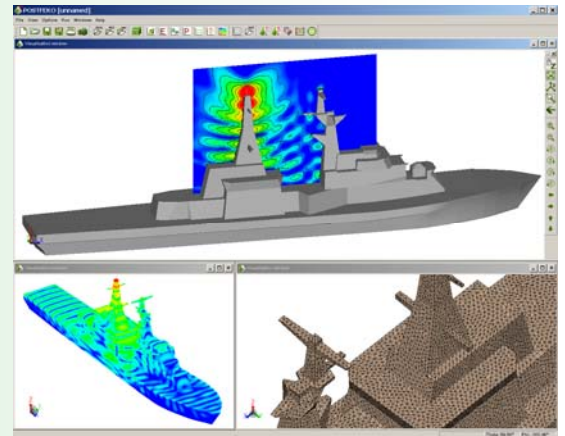
- ◇ Eligible: senior under-graduate or beginning post-graduate students in electronic engineering or computer science
- ◇ Awarded on merit
- ◇ EMSS will liaise with successful candidates and their post-graduate study leaders to choose projects of interest to both the candidates and EMSS
- ◇ Minimum of 5 weeks vacation work per year at the EMSS offices in Stellenbosch
- ◇ Contractual commitment to work at EMSS after completion of the degree for at least two years

Vacation work and training:

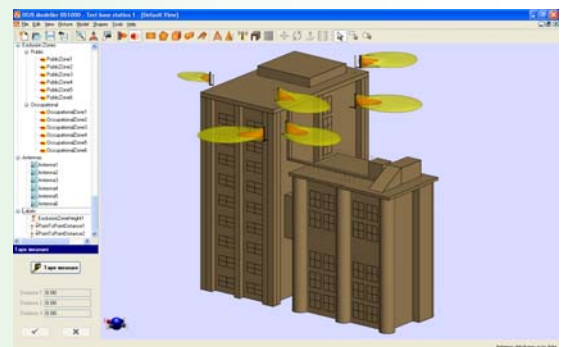
- ◇ Eligible: senior under-graduate or post-graduate students in electronic engineering or computer science
- ◇ Typically 6 to 7 weeks in duration; usually over December and January
- ◇ Long term experiential training opportunities for technikon students
- ◇ Candidates will be exposed to the fields of EM engineering or software development

Careers:

- ◇ EMSS offers a wide spectrum of interesting career opportunities
- ◇ EM consultation work
- ◇ Antenna engineering
- ◇ Software development
- ◇ Requirements: at least a Bachelor's degree in electronic engineering or computer science
- ◇ Contact us for details on positions we currently have on offer



FEKO for naval applications



IXUS for radiation compliance management



Development of KAT feed horn antenna

CONTACT DETAILS

Visit our website for more information. Please direct further enquiries to Fiona Nell:

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