

**Post-doctoral research position:
Yield optimisation of Millimetre-Wave Antennas**

Stellenbosch University, South Africa

A post-doctoral research position focussing on the statistical yield analysis and optimisation of microwave and millimetre-wave antennas and passive structures is available in the Electromagnetics, Antennas, and Computational Systems (EMACS) group of the Department of Electrical and Electronic Engineering at the University of Stellenbosch in South Africa. The position is part of a collaborative European Union EUREKA project with Chalmers University in Sweden, and Aalto and Tampere Universities in Finland.

Applicants must hold a PhD (obtained within the last 5 years) in the field of Microwave Engineering, or Electromagnetics. Suitable candidates must have practical experience with microwave or millimetre-wave antennas or filters, and should preferably have a background in statistical modelling. The candidate must also have an excellent knowledge of simulation software tools such as CST. Finally, candidates must have excellent English writing skills and have an explicit interest in scientific research and publication.

The position will be available for one year, with a possible extension to a second year, depending on progress and available funds.

Applications should include a covering letter, curriculum vitae, list of publications, research projects, conference participation and details of three contactable referees and should be sent as soon as possible to: Prof Petrie Meyer, Department of Electrical and Electronic Engineering, University of Stellenbosch, Private Bag X1, Matieland 7602. Applications can also be sent by email to: pmeyer@sun.ac.za. The successful applicant will be subject to University policies and procedures.

Interested applicants are welcome to contact me at the above e-mail address for further information regarding the project.

Closing date: 24 January 2022

Please note that postdoctoral fellows are not appointed as employees and are thus not eligible for employee benefits. Postdoctoral fellowships are also awarded tax free.