



R&D Scientific Computing Engineer

| UAN - 64DF53

Department: R&D / Scientific Computing COI

Location: Pomezia, Italy; Villejust, France; or Israel

Type: Full Time

About the Role

We're looking for an R&D Scientific Computing Engineer to join MVG's Scientific Computing Center of Innovation and support the development of advanced post-processing tools for antenna measurements. In this role, you will contribute to high-precision electromagnetic analysis, signal processing, and algorithm development for MVG's antenna measurement systems. This is a strong opportunity for a scientific computing profile with solid electromagnetics and programming skills who wants to take part in innovative international R&D projects.

About MVG

MVG – Microwave Vision Group – is the global leader in electromagnetic field measurement solutions. With 400+ employees, offices across 4 continents, and over 25 years of consecutive growth, we help the world's most innovative companies test, validate, and push the boundaries of wireless technology. Our mission: Testing Connectivity for a Wireless World.

Join us to shape the future.

Responsibilities

Develop and maintain scientific computing tools for antenna measurement post-processing. Implement and optimize NF/FF transformation algorithms for different scanning geometries, including advanced processing such as probe compensation.

Contribute to innovative R&D initiatives focused on improving antenna measurement systems and measurement techniques.

Analyze measurement system performance and support the derivation of uncertainty budgets.

Support critical programs and projects with scientific computing, signal processing, and electromagnetic analysis expertise.

Write dissemination materials, including white papers and conference or journal papers reporting innovative findings.

Collaborate with experts in electromagnetics, software development, and measurement systems while taking increasing responsibility in future R&D projects.

Requirements

Master's degree or PhD in telecommunications, electrical engineering, physics, or a related field.

Strong background in signal processing and electromagnetic theory.

Proficiency in scientific programming, particularly MATLAB.

Valid working permit for the European Union.

Ability to work independently and collaboratively in a distributed team environment.

Excellent communication skills in English.

Some knowledge of basic project management.

Nice to Have

Experience with Python or C++.

French or Italian language skills.

Experience with antenna measurement systems, NF/FF transformations, probe compensation, or uncertainty budgets.

Experience preparing technical dissemination materials such as white papers, conference papers, or journal papers.

How to Apply

Send your CV and a short cover note to careers@mvg-world.com with the subject line: R&D Scientific Computing Engineer – Application. For questions or more information, contact Lars Foged, Francesco Saccardi, or Karine Barriant. We look forward to hearing from you!

MVG- Testing Connectivity for a Wireless World