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QWED company is seeking for our office in Warsaw applications for the position of

COMPUTATIONAL PHYSICIST

JOB DESCRIPTION:

- performing computer simulations of physical phenomena relevant to space research,
- development and coding of mathematical models of materials,
- development and coding of mathematical models of physical-chemical processes,
- programming of workbenches in FreeCAD environment,
- development of algorithms for spatial resolution improvement of material measurements,
- development of algorithms for electrical resolution improvement of material measurements,
- documentation and standardisation of computer simulations,
- designing and optimising electronic high-frequency components relevant to space engineering,
- preparing research papers for professional conferences and journals,
- writing *White Papers* and *Application Notes*,
- participation to international research events (meetings, workshops, conferences).

QUALIFICATIONS:

- at least a B.Sc., Eng. or equivalent degree (preferred but non-exclusively in **computational physics**, electrical-electronic-mechanical-chemical engineering; applied physics-mathematics-physical chemistry),
- good knowledge of written & spoken English (proficiency will be an asset),
- programming experience (C++, Python, other),
- reporting and presentation skills,
- team work experience,
- scientific curiosity and/or engineering conscientiousness.

No age limit applies. Recruitment procedures will conform to national and European standards of equal opportunities.

CONTACT:

Interested candidates are encouraged to submit their CV accompanied with a motivation letter (even if their match to the profile is only partial) to career@qwed.eu.