OPPORTUNITY FOR JOB

CONTACT

If you are interested, please apply by sending your candidacy supporting documents at info@biog3d.gr

JOB DESCRIPTION

SIMULATION ENGINEER

Develop models and other types of engineering calculations to support design, manufacturing, testing, and troubleshooting as well as solving complex flow/structural problems for Additive Manufacturing (AM) processes and products.

Job's profile:

- Perform CAE simulation studies, optimisation of simulation workflows to meet efficiency/throughput targets.
- Work with all disciplines to obtain accurate input conditions, drive efforts to validate simulation through physical testing;
- Experimental design, testing and analysis of different fabrication scenarios to achieve quality targets and time/cost reduction;
- Hands-on operation of AM systems, troubleshooting and process development;
- Participate in projects, assist in day-to-day technical implementation activities, reporting and attend project meetings;
- Maintain excellent file handling and organization skills;
- Open and collaborative approach in all areas of responsibility.

Basic qualifications:

- BSc in Mechanical Engineering, Applied Physics or similar;
- Experience with advanced CFD/FEA/CAD engineering modeling (FEM techniques, solving complex flow problems involving transient, multiphase, multicomponent, multi-physics, coupled flow/thermal/stress, and rotating systems);
- Experience with Design of Experiments (DOE), statistical analysis and multivariable process optimization;
- Excellent communication skills and English proficiency.

Preferred Skills and Qualifications:

- MSc Degree or Advanced Studies in Applied Computational Analysis & Modeling;
- 2+ years of proven Computational Analysis experience in a professional setting;
- Project management and reporting previous experience;
- Excellent problem-solving skills;
- Experience with programming languages such as C#, Python is advantageous.

What we offer:

- International working environment;
- Early responsibilities within innovation projects, opportunity to learn & progress;
- Stimulating scientific environment;
- A dynamic environment with enthusiastic colleagues;
- A high degree of responsibility and independence;
- A competitive remuneration package (Depending on relevant background and experience).

Candidates must enclose the following supporting documents in pdf format:

- Cover letter in English;
- Curriculum Vitae in English;
- Transcripts of all relevant academic degrees;
- At least one recommendation letter.