OPPORTUNITY FOR JOB

CONTACT

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

JOB DESCRIPTION

ADDITIVE MANUFACTURING ENGINEER

Develop and implement production and processing methods and controls to meet quality targets in the most efficient manner for Additive Manufacturing (AM) processes. Develop Design for AM (DfAM) methodologies using standard commercial software.

Job's profile:

- Hands-on operation of AM systems, troubleshooting and process development;
- Perform simulation and design analysis (e.g., FEA, CFD), testing and verification;
- Experimental design, testing and analysis of different fabrication scenarios to achieve quality targets and time/cost reduction;
- Collaborate with engineers/scientists to develop DfAM best practices;
- Remain up-to-date regarding materials, machines, configurations, applications and manufacturing processes to meet functionality requirements;
- Perform tolerance stack-up and analysis of components and assemblies, utilizing geometric tolerancing standards and practices;
- 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, Chemical Engineering or similar;
- Advanced knowledge of AM processes and material relationships;
- Advanced knowledge and experience of 3D modelling software such as SolidWorks, McNeel Rhinoceros;
- 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 Computational Analysis or Digital Fabrication;
- 2+ years of professional experience in computational analysis for AM;
- 2+ years of experience with applying generative design principles for light-weighting, topology optimization, and lattice design structure
- 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.