

The CD Laboratory on Particulate Flow Modelling

at the JKU Linz, Austria is a scientific institute contributing to global research co-operations, conducting fundamental as well as applied research in the field of particulate flow modelling, computational fluid mechanics and particle methods. In the frame of our research activities, we develop and maintain open source simulation tools, which are used and co-developed by a global community (www.cfdem.com). We would like to strengthen our team by a

PhD Student in the field particulate flow simulation

Tasks and objectives of this job

- Join the development team of an open source simulation tool (LIGGGHTS, CFD-DEM)
- Realization of large-scale applications in the frame of industrial co-operations

You should possess

- a recent Master degree in Physics, Mechatronics, Mathematics, Computer Science or Process Engineering
- capabilities and interest in numerical modelling of physical processes
- skills or interest in C/C++ programming and Linux.
- good English skills
- capability to work independently as well as within in a team
- a target-oriented personality

We offer

the opportunity to join a young and motivated team, adequate payment combined with flexible work schedule, and the possibility to participate in international conferences and (optionally) teaching.

Contact

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