



Post-Doc Position for DEM / CFD-DEM Model Development

CFDEMresearch operates the international www.cfdem.com platform. Together with DCS Computing, the main developer, maintainer and commercial supporter, we contribute to the development of the freely available CFD-DEM and DEM open source simulation engines CFDEM[®]coupling-PUBLIC and LIGGGHTS[®]-PUBLIC.

Our passion is to develop numerical software to model the processing (e.g. production, transport, storage) of particles such as sand, sugar, crops, coal, pharmaceutical powder, chemicals and many more. These processes cause a huge share of the world's energy consumption and greenhouse gas emissions. CFDEM[®]coupling and LIGGGHTS[®] are used globally by leading Blue Chip companies from a variety of industries as well as leading research institutes and universities. Our contributions to CFDEM[®]coupling and LIGGGHTS[®] facilitate research & development for sustainable growth and increasing process throughput and efficiency while energy and carbon footprints are decreased.

To strengthen our team in Linz/Austria, we are looking for a Post-Doc (start Feb 2016)

You will be part of a project consortium consisting of 3 scientific partners and 3 industrial partners that creates new models for the numerical simulation of soils, crops and cohesive bulk solids in a 3-year project.

You bring:

- interest in modelling of physical phenomena, especially flow processes, is required.
- knowledge and experience in CFD and/or DEM methods
- knowledge and experience in software development, ideally in C++ and git,
- a goal-oriented and well organized personality as well as good communication and English skills,
- enthusiasm, a broad range of interest, and the capability to learn rapidly.

We offer:

- the opportunity to join a small and flexible, young and motivated team,
- salary of ~€3300 gross (paid 14 times a year)
- the opportunity to work and collaborate with international partners and customers from academia and a variety of industries.

Please send your application (1 page CV and 1 page motivation letter by Jan 20th) to:

Dr. Christoph Kloss, Dr. Christoph Goniva, recruiting@cfdem.com

PS: To get insight into what our simulation software can do, visit www.cfdem.com