

## Software Engineer for DEM (f/m/d)

*Full-time or part-time (from 30 hours), immediate start, Location: Vienna*

**DCS Computing is an established and growing high-tech company with offices in Linz and Vienna.**

Since 2012, we have been developing cutting-edge software to model the processing (e.g., production, transport, storage) of particles such as sand, sugar, crops, coal, pharmaceutical powder, chemicals and many more. We proudly count many of the world's largest companies (e.g., Procter & Gamble) as well as leading research organizations with exciting missions (e.g., German Aerospace Center) as our customers. From detergents to Mars missions – our technology fuels innovation for our customers and helps them develop greener products and production processes, ultimately decreasing their CO2 footprint.

So far, our team is made up of 18 fun and enthusiastic individuals with 8 nationalities and we are looking for you to join us at our Vienna office.

### **What we are looking for:**

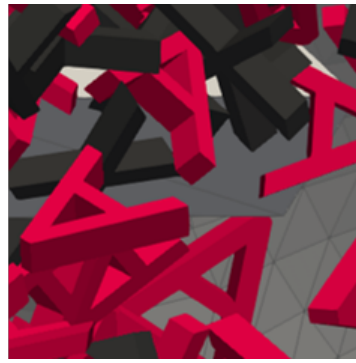
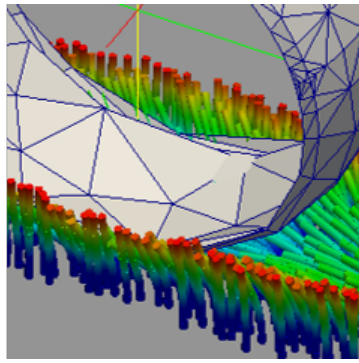
DCS Computing is looking for a highly energetic and motivated person with engineering and software background. Your role will be to further develop our cutting-edge Discrete Element Method (DEM) software and related numerical methods in customer projects as well as in funded projects (e.g. Horizon 2020).

### **What you will do:**

- Further develop our software Aspherix in the frame of customer and research projects, creating added value for the customer and DCS
- Improve our continuous testing / integration workflows
- Depending on your previous experience, project managerial tasks

### **What you should bring:**

- *Numerical Modelling:* You are holding a Master's or a PhD degree in fluid mechanics, solid mechanics, material science, process engineering, particle technology or similar and have interest and experience in modelling physics and flow processes with the Discrete Element Method (DEM) or Computational Fluid Dynamics (CFD).
- *Software affinity:* Proficient skills in most of the following technologies: C++, git, qt, continuous testing / integration, MPI, GPU programming. Experience in managing software projects would be beneficial.
- *Exposure to industrially relevant problems:* If you've had experience consulting industrial customers in the field of fluid flow or particle technology, that would be a bonus (but not required).
- *Customer orientation & communication:* You work hard to achieve the best result for the customer, and you communicate lean and efficiently.
- *Focus:* You have a goal-oriented and well-organized personality.
- *Enthusiasm:* You bring a broad range of interests, and the capability to learn rapidly.



#### What we offer:

- *Team:* You will join a small and flexible, young, international and motivated team at DCS
- *Impact and internationality:* You will work with Blue Chip companies from all around the globe. Market leaders in all major industries (chemical, pharma, process, minerals & mining, plastics, agricultural machinery and many others).
- *Purpose:* You will use cutting-edge simulation tools for and with our international base of customers and partners. Our customers will leverage your work for more efficiency, better products and greener processes.
- *Salary:* Monthly gross salary ranges from €3,800 - €4,300 (14 times a year), depending on your skills and experience

Please send your application (CV and motivation letter, any other formats will be discarded) to:  
Dr. Christoph Kloss, Dr. Christoph Goniva, [recruiting@dcs-computing.com](mailto:recruiting@dcs-computing.com)

PS: For insight into what our simulation software can do, visit <http://www.dcs-computing.com/>