



### **Gabor Zavodszky, PhD**

Obtained his PhD summa cum laude in 2015 in bio-fluid mechanics at the Budapest University of Technology in Hungary. In 2019 he acquired assistant professorship at the Computational Science Lab at the University of Amsterdam. His research focuses on the domain of high-performance multi-scale models, with the primary applications derived from the context of biomedical research. He maintains active interdisciplinary collaborations with several clinical institutes and experimental labs across Europe.

He leads the development of HemoCell, the open-source high-performance cellular blood flow simulation, that enables large-scale blood simulations across hundreds of thousands of CPUs. He took part in several national and EU projects as participant, co-PI, and WP-leader, and have secured large compute-time grants totaling at 15 million core-hours.