

## Curriculum vitae of Sinisa Krajnovic

**Address:** Department of Mechanics and Maritime Sciences,  
Chalmers University of Technology  
SE - 412 96 Gothenburg, SWEDEN  
E-mail: [REDACTED]

### Education

- PhD, (Thesis: *Large-Eddy Simulations for Computing the Flow Around Vehicles*), Chalmers, 2002
- Licentiate of Technology, Department of Thermo and Fluid Dynamics, Chalmers, 2000
- Master of Science in Mechanical Engineering, (specialization in applied mathematics), Chalmers, 1998

### Promotions

- Full Professor (Computational Fluid Dynamics), 2015
- Professor, 2011
- Associate Professor, 2005
- Assistant Professor, 2002-2005

### Appointments

- Head of Department Mechanics and Maritime Sciences at Chalmers 2022-
- Vice Head of Department Mechanics and Maritime Sciences at Chalmers – Responsible for utilization, 2021
- Director of Area of Advance Transport at Chalmers, 2016-2023
- Director of the Master Program in Applied Mechanics, Chalmers, 2015-2016

### Visiting appointments

- Visiting Professor at University of Valenciennes, France, July 2016
- Visiting Professor at University of Bordeaux, France, June-July 2014
- Visiting CNRS at University of Poitiers, France, May-July 2013
- Visiting researcher at University of Karlsruhe, Germany, May-July. 1999

### Assignments

- Member of the steering board of the Centre of Excellence in Railway Mechanics (CHARMEC), 2022-.
- Member of the steering board of the Sweden Maritime Competence Center (Lighthouse), 2022-.
- Member of the steering board of the Sweden-India Transport Innovation and Safety Partnership (SITIS), 2020-.
- Member of the steering board of AstaZero AB, 2019-.
- Member of the steering board of Lindholmen Science Park, 2018-.

- Member of the steering board for the China-Sweden Research Center for Traffic Safety (CTS), 2017-.
- Member of the steering board for the Vehicle and Traffic Safety Centre at Chalmers (SAFER), 2016-.
- Member of the steering board for the Swedish National Committee for Theoretical and Applied Mechanics, 2015-.
- Member of the steering board for the Swedish National Infrastructure for Computing (SNIC), 2006-2011.
- Deputy Editor in the International Journal of Flow Control, 2014.
- Guest Editor of the Special Issue in the Journal of Wind Engineering and Industrial Aerodynamics, 2015
- Founder and organizer of the major international conferences in vehicle aerodynamics AEROVEHICLES (The International Conference in Numerical and Experimental Aerodynamics of Road Vehicles and Trains) in Bordeaux, June 2014, Gothenburg in June 2016, Milano in 2018 and Berlin in 2021.
- Chairman of the SNIC user Group (SNUG), 2005-2009.

### **Evaluation of education programs**

- International assessment expert for Traffic and Transportation Degree Program at Central South University, China, 2019 and 2021
- Member of the Chalmers team in the benchmark of Master program in Applied Mechanics at DTU in Copenhagen and Chalmers, 2014-2015.

### **Commission of trust**

- External evaluator for Associate professor position at KTH (Royal University of Technology), 2020
- External reviewer and the member of the Expert Committee for the recruitment of the Associate professor within fluid dynamics and computational methods at HiOA-Oslo in 2016
- External reviewer for ANR (The French National Research Agency) in 2015, 2016
- Opponent for the PhD defense or External evaluator of the PhD thesis in University of Madrid in Spain (2015), University of Sidney in Australia (2016), University of Poitiers in France (2016), Indian Institute of Technology Delhi in India (2017), CNAM in France (2018).
- Member of the PhD scientific committees several times at Lund University, KTH and Chalmers.
- External expert reviewer for Swedish National Allocation Committee (SNAC) for High Performance Computing since 2017-

### **Publications**

200+ reviewed papers in international journals and proceedings, more than 6900 citations, h-index 43