



Rogerio Santana

Senior R&D Engineer, Fluids

"Nobody ever figures out what life is all about, and it doesn't matter. Explore the world. Nearly everything is interesting if you go into it deeply enough."

BIO

Rogerio's enthusiasm for building things led him to pursue a degree in Engineering. He had contact with numerical methods in his scientific initiation project during his undergraduate studies. That experience was the starting point of his expedition into the realms of simulation and programming.

GOALS

- Enhance the range of industry problems Ansys products can solve.
- Improve accuracy and performance of such products in real-world applications.

Ansys EXPERIENCE

As a R&D engineer at Ansys, Rogerio's work has been related to understand with new technologies and methods in order to improve product quality, performance, usability and range of applications. He has also played an important roles in writing API codes to extend range of solutions, testing and defining priorities of new product functionalities.

SPECIALTIES

- Explicit Numerical Methods
- Discrete Element Method
- Smoothed Particle Hydrodynamics
- APIs and scripting

INDUSTRY INTERESTS

- Automotive
- Pharmaceutical
- Chemical Processing
- Biotechnology
- Agriculture Equipement



PROFESSIONAL

EDUCATION

Bachelors in Petroleum Engineering, State University of Santa Catarina, Brazil

PERSONAL

INTERESTS

Guitar, Hiking, Games, Karaoke and Biology

LANGUAGES

English, Portuguese

COMPETENCIES

SIMULATION



ENGINEERING



LEADERSHIP



Ansys PHYSICS

