



# WCCE11 - 11th WORLD CONGRESS OF CHEMICAL ENGINEERING

IACCHE - XXX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING

CAIQ2023 - XI ARGENTINIAN CONGRESS OF CHEMICAL ENGINEERING

CIBIQ2023 - II IBEROAMERICAN CONGRESS OF CHEMICAL ENGINEERING

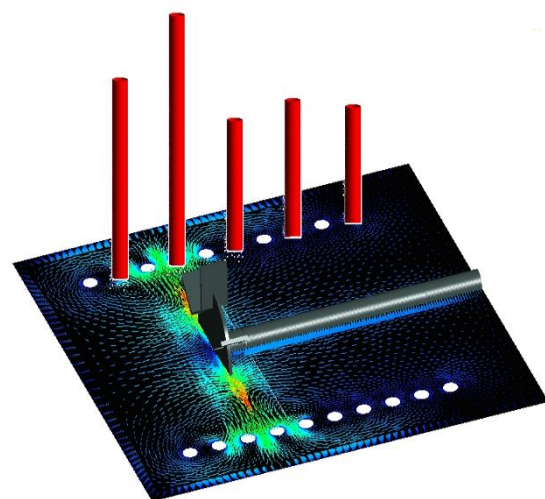
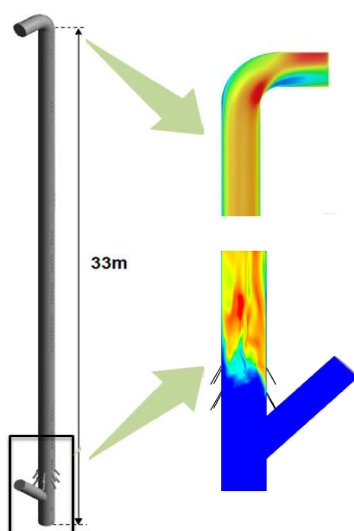
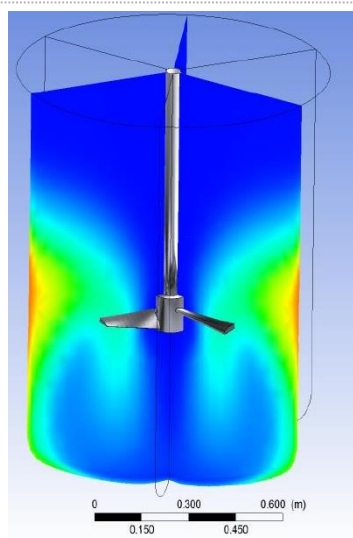
Buenos Aires - Argentina - June 4-8, 2023

*"The global chemical engineering working for a better future world"*

## Global Symposium on CFD – a Joint Event for the World Congress of Chemical Engineering

This symposium will provide a forum for engineers and researchers who work with Computational Fluid Dynamics (CFD) to exchange ideas and present their contribution. The scope of the symposium covers the application of CFD in chemical processes, process design, optimization and also new emerging CFD technologies.

The participants of the symposium will have the opportunity to submit a paper of their contribution to a special series of the Canadian Journal of Chemical Engineering that will be associated with this event.



### Coordinators

**J. R. Nunhez** – Chair – State University of Campinas – Brazil

**Vivek Ranade** – Chair – University of Limerick – UK

**Harry Van de Akker** – Chair – Delft University - Netherlands

### Scientific Committee

- **Prof. Alain Liné** - *Biotechnology Institute, National Polytechnic Institute of Toulouse, France*
- **Prof Ashwin Patwardhan** - *Institute of Chemical Technology, Mumbai, India*
- **Dr. Cláudio Pereira da Fonte** - *Department of Chemical Engineering, University of Manchester, United Kingdom*
- **Dr. Dirceu Noriler** - *School of Chemical Engineering, State University of Campinas, Brazil*
- **Dr. Dirk Lucas** – *Institute of Fluid Dynamics, Helmholtz-Zentrum Dresden-Rossendorf, Germany*
- **Prof. Johan Padding** - *Process and Energy Department Delft University of Technology, Netherlands*
- **Dr. Jason Giacomelli** – *SPX Flow, USA*

- **Dr. Márcio Bezerra Machado** - *Department of Chemical Engineering, University of Alberta, Canada*
- **Prof. Marcos Antonio de Souza Barrozo** - *Department of Chem Engng, Federal University of Uberlândia, Brazil*
- **Dr. Minye Liu** - *Chemours Company, USA*
- **Dra. Miryan Cassanello** - *LARSI - Fac. Of Ciencias Exactas y Naturales, University of Buenos Aires, Argentina*
- **Dr. Nicolas Spogis** - *Department of Chemical Engineering, PUC Campinas University, Brazil*
- **Prof. Niels Deen** - *Department of Mechanical Engineering, Eindhoven University of Technology, Netherlands*
- **Dr Ranjeet Utikar** - *Curtin University of Technology, Perth, Australia*
- **Prof. Ricardo de Andrade Medronho** - *School of Chemistry, Federal University of Rio de Janeiro, Brazil*
- **Richard Greenville** - *SPX Flow, USA*
- **Dr. Song Won Park** - *Polytechnic School, University of São Paulo, Brazil*

Call for Abstracts now open



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### Global Symposium on CFD – a Joint Event for the World Congress of Chemical Engineering

#### ☐ Topics

This symposium will cover the following topics:

- Fundamental CFD modeling and validation techniques. Emerging CFD technics;
- Direct Numerical Simulation (DNS), Lattice Boltzmann, turbulence;
- Applications on Multiphase flow, Reactive and high temperature flows, Reactor Engineering and Scale-up, Micromixing, Petrochemical processes;
- Case studies on Gas & Oil industry, Biotechnology, CFD in Environmental Processes, CFD in Pharmaceutical and Fine and Specialty Chemicals sector.

#### ☐ Abstract submission

- **Opening of Abstracts Reception** 05/Sep/2022
- **Abstracts Submission Deadline** 30/Nov/2022

**IMPORTANT:** please notice that the deadline for abstract submission in the CFD symposium is different than the general World Congress deadline.

- **Notification of Acceptance/Rejection:** 16/Dec/2022
- **Full Paper Submission for the congress (optional) Deadline** 10/Mar/2023
- **WCCE11 Congress** 04-08/Jun/2023
- **Submission of papers to the Canadian Journal of Chm. Engng – after the congress**

#### ☐ Contact:

- **Congress:** [secretaria@wccell.org](mailto:secretaria@wccell.org)
- **CFD Symposium:** [nunhez@unicamp.br](mailto:nunhez@unicamp.br)