

Thirteenth International Conference on Computational Fluid Dynamics in the Minerals and Process Industries

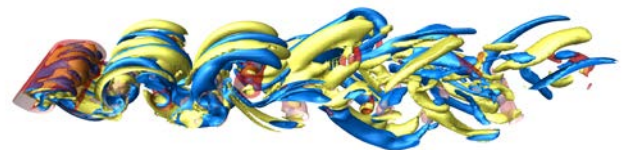
4-8 December 2018, InterContinental, Melbourne, Australia

The Thirteenth International Conference on CFD in the Minerals and Process Industries is the premier event in CFD for the industry. It attracts professionals and students from industry, universities and research organisations throughout the world.

Extended Abstracts Due 15 September 2018

The conference will cover the application of Computational Fluid Dynamics in the following industries:

- Mineral processing
- Metal production
- Power generation
- Chemicals
- Food
- Oil and gas



The conference will be run in conjunction with the Second International Symposium on Computational Particle Technology.

Paper presentations are likely to include:

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|----------------------------------|-----------------------------------|
| • smelting | • rotary kilns |
| • burners and furnaces | • spray dryers |
| • bio-chemical processes | • steelmaking |
| • coal combustion | • crystallisation |
| • gas cyclones and hydrocyclones | • fuel cells |
| • casting | • pumps |
| • flash smelting | • stirred tanks and reactors |
| • fluidised beds | • flotation |
| • environmental aspects | • water treatment |
| • gravity thickeners | • granular flows |
| • slurry flows | • heat transfer |
| • grinding mills | • interface dynamics |
| • blast furnaces | • turbulence modelling |
| • heat exchangers | • hydrometallurgical applications |
| | • and many others |

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Further information can be obtained from:
The Conference Chairman
Dr Peter Witt or
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Updated information as well as details of previous conferences in this series can be viewed at our website:
www.cfd.com.au/cfdconf

Call for papers - CFD 2018

Thirteenth International Conference on CFD in the Minerals and Process Industries

5-8 December 2018, Melbourne, Australia

The conference continues a successful series of meetings started in 1997, CFD2018 will be the eighth conference held in Melbourne, with four others hosted by SINTEF in Trondheim, Norway.

The conference series has consistently attracted industry and researchers from around the globe to present and discuss leading edge industrial research using computational fluid dynamics and related numerical modelling approaches. Mineral beneficiation, metal production and other complex industrial processes typically involve the combination, interaction and reaction of multiple phases, and the conference provides the opportunity for industry practitioners, researchers and students to present and discuss problems of particular interest in these fields.

This year CFD 2018 will be held in conjunction with the **second International Symposium on Computational Particle Technology**.

Key Dates and Venue:

Abstract submission: Abstracts should be submitted through the conference website, before **15 September 2018**. A submission should include an extended abstract and short biography (of its presenter), up to two A4 pages and be prepared using MS Word. A template will be provided shortly.

Notification of abstract acceptance: before 31 September 2018

Conference dates: Registration/Reception on 4 December, Conference sessions 5-7 December and Post conference activities on 8 December.

Symposium venue: Intercontinental Hotel, Melbourne (there are numerous hotels at different rates around the Intercontinental Hotel in the city centre).

Conference General Information:

Conference booklet: A joint conference booklet will be published at the Conference. It includes conference program, abstracts and biographies (of presenters).

Presentations: The symposium will include plenary, keynote, oral and poster presentations. A poster presentation may include a short oral presentation too. A few best poster awards will be given (with certificate and cash prize).

Publication: Journal special issues are being organised. Participants are encouraged to submit their full papers after the symposium (details and a deadline is to be advised).

Registration: The early-bird registration fee is AU\$1100 for full registration. A discounted early registration fee of AU\$800 is available for students. The fee covers the costs for conference attendance, booklet, reception, banquet, lunches and tea/coffee breaks during the symposium.

Further information about conference programs, venue, and hotel accommodation will be updated on the conference website www.cfd.com.au/cfdconf. Participants need to arrange their own accommodation. For those from overseas, invitation letters will be issued for their visa application if needed.