



# 2018 Workshop on Fortran Modernization for Scientific Applications (ForMoSA18)

*Department of Chemistry, University of Zurich*  
*June 6-8, 2018*

The **three days workshop** is aimed at programmers, active in the development of a scientific application written in Fortran, who want to write modern code or modernize existing codes. It consists of **lectures, invited speakers presentations, and practical hands-on sessions.**

## Topics

**Day 1** (Invited speaker: Arjen Markus, Deltares Institute in Delft, The Netherlands)

- New Fortran 2003/2008 features (including Object-Oriented) and outlook to the new standard 2018
- Best practices for Fortran

**Day 2** (Invited speaker: Hans Pabst, Intel Switzerland, and Mikko Byckling, Intel Finland)

- Fortran/C interoperability
- Fortran parallelization

**Day 3** (Invited speaker: Bálint Aradi, Bremen Center for Computational Materials Science, University of Bremen)

- Fortran-related tools
  - Unit-testing frameworks
  - Meta-programming tools
  - Source-code documentation tools

More info and registration (**free of charge**) at

<http://t.uzh.ch/Nn>



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