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Announcement for Short Courses on

Modelling and Computation of Multiphase Flows

Part I: Bases, Part IIA: New Reactor Systems and Methods, Part IIB: Computational Multi-Fluid Dynamics (CMFD), Zurich, March 24–28, 2003, hosted by the Swiss Federal Institute of Technology (ETH) in Zurich, Switzerland.

The three modular courses contain coordinated, comprehensive series of lectures by foremost experts in their fields. Part I offers to practicing engineers and researchers a condensed and critical view of present fundamental knowledge and trends with emphasis on the modeling and computational aspects of multiphase flows. The New Reactor Systems and Methods module reviews the most recently proposed advanced reactor system designs (such as those in Generation IV) and introduces the state-of-the-art and beyond modelling and simulation methods. The module on Computational Multi-Fluid Dynamics (CMFD) reflects the growing interest in the application of CFD techniques to multiphase flows. The courses aim at an interdisciplinary transfer of knowledge between the various industries for which multiphase flows are important (power, nuclear, process, cryogenics, petroleum, etc.).

Course language: English

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