

Illinois Institute of Technology, Chicago, USA

- Augusto Neri, “Multiphase Flow Modeling and Simulation of Explosive Volcanic Eruptions”, Ph.D. Thesis, IIT, 1998.
- Diana Matonis, “Hydrodynamic Simulation of a Gas-Liquid-Solid Fluidized Bed”. Ph.D. Thesis, IIT, 2000.
- Susan Jane Gelderbloom, “Computational Fluid Dynamic Simulation for Bubbling and Collapsing Fluidized Beds”, Ph.D. Thesis, IIT, 2001 from students of Professor Dimitri Gidaspow

Loughborough University, United Kingdom

Numerical Modelling group led by Dr. V. Nassehi in Chemical Engineering Department of Loughborough University (UK), is currently involved in computational modelling of fluid flow in industrially relevant problems using finite element, finite volume and spectral methods. Recently the group has developed computer models for:

- Pollutant dispersion in the Tay Estuary, by a novel moving boundary finite element scheme- funded by The Engineering Research Council UK, Post Doc. RA Dr A Kafai
- Hydrodynamics and contaminants mobility in soil- funded by B.G. Technology, Ph.D. student DB Das
- Novel element free Galerkin scheme in conjunction with knowledge based case-retrieval logic for the design of a computer guided environment for formulating effluent discharge policies in tidal water systems- funded by a Research Council Studentship, Ph.D. Student S Passone.