

Biographical Sketch:

RÉMI ABGRALL is a former student of Ecole Normale Supérieure de Saint Cloud. After his PhD, he has been engineer at ONERA, then research scientist at INRIA.

From January 2014, he is professor at the University of Zürich, Institute of Mathematics, after having been Professor in the University of Bordeaux (Institut Polytechnique de Bordeaux) since 1996 and in secondment at INRIA from 2008 till the end of 2013.

He has been awarded an Advanced Research Grant from the ERC in December 2008 and will be invited speaker at the next International Conference of mathematicians (ICM 2014) in Seoul.

He is associate editor of several international journals, including the Journal of Computational Physics, Mathematics of Computation, Computers and Fluids, the Journal of Scientific Computing. He is also co-chief editor of the International Journal on Numerical Methods in Fluids.

His research is about efficient algorithms for the simulation of compressible materials (single fluids, multiphase, interface problems, compressible solids) using high order schemes designed for unstructured meshes.