

Grégoire Allaire

Professor of Applied Mathematics

Vice-Chair of the Applied Mathematics Department at Ecole Polytechnique

Scientific adviser at CEA (French Atomic Energy Commission)

Past positions:

1997-2000: Professor at the Laboratoire d'Analyse Numérique of Paris 6 University.

1993: Habilitation à diriger des recherches, Paris 6 University.

1990-1997: Researcher at CEA (French Atomic Energy Commission).

1989-1990: Post-doc at the Courant Institute (NYU).

1986-1989: PhD thesis at CEA and Paris 6 University.

Research topics:

- Scientific computing
- Multiscale modelling
- Partial differential equations
- Homogenization
- Composite materials
- Shape and topology optimization
- Porous media
- Two-phase flows
- Neutron transport