



Alexis Gobé | PhD student

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🌐 http://www-sop.inria.fr/nachos/team_members/Alexis.Gobe/index.html

Training and degrees

PhD student in applied mathematics and numerical simulation <i>Inria SAM, supervised by Stéphane Lanteri</i> <ul style="list-style-type: none">Discontinuous Galerkin methods for the simulation of multiscale nanophotonic problems with application to light trapping in solar cells	Sophia Antipolis, France 2016 -
Master's degree in mathematical modelisation with distinction <i>University of Reims Champagne-Ardenne</i>	Reims, France 2014 - 2016
Bachelor's degree in applied mathematics with distinction <i>University of Reims Champagne-Ardenne</i>	Reims, France 2012 - 2014

Professional experiences

Hybrid Discontinuous Galerkin method on hybrid meshes <i>Master's II internship at Inria SAM, supervised by Stéphane Lanteri</i> <ul style="list-style-type: none">Maxwell's equation frequency domainDevelopment of a non conformal hybrid meshing tool	Sophia-Antipolis, France April 2016 - September 2016
Dental canals and needles meshes <i>Master's I internship at University of Reims, supervised by Stéphanie Salmon</i> <ul style="list-style-type: none">Collaboration with University of odontology	Reims, France January 2015 - June 2015

Skills

Programming: Fortran, SQL, Java, C/C++/C#, Visual Basic, HTML, Python, R, Secure Shell, Script Shell

HPC: MPI, OpenMP

Development: Git, Qt, Jenkins, Emacs

Scientific: Matlab, Maple, Mathematica, Gmsh, Paraview, Medit, FreeFem++

Operating Systems: Windows, Unix

Miscellaneous: MS Office, Open Office, \LaTeX , Simulia Abaqus, Rhinoceros, Ansys Fluent

Languages: French (Native), English (Upper intermediate), German (Elementary)