

Jean-Philippe SCHWEITZER

DOB : 5th April 1977
Nationality : French

Driving licences :
Car/motorcycle

Address

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References : on request

Engineer École Centrale Paris

Degree : Science and Energy Engineering.

Education

- 2001 - Engineering Degree from **ÉCOLE CENTRALE PARIS**
- **Master's Degree (DEA) « Physics of Energy Transfer »** : Fluid mechanics, thermal transfer, polyphasic media, lasers
- 1999 **Graduation in Physics (1999, 1st) and Bachelor's Degree in Theoretical Physics (1998)** at University Paris VI : Quantum physics, statistical thermodynamics, nuclear physics
- 1997 DEUG MIAS, University Paris VI.
- 1994-1995 Advanced Mathematics, Chaptal College, Paris.

Languages and computer skills

- **French** : Mother tongue.
- **English** : Fluent; numerous stays in English speaking countries.
- **Italian** : Reading, written, spoken : numerous stays in Italy (family).
- **German** : School level.
- Practised in C, C++, Fortran, HTML.
- Advanced use of operating systems MacOS, Windows, Unix, Linux.
- Knowledge of calculation codes Systus+, Film Wizard, Matlab, Fluent.

Professional Experience

- **from sept.0** **Research Engineer**, at **Saint Gobain Recherche**.
« Transformation et Propriétés des Verres » department.
- **2001-03** **Deputy Scientific Attaché**, French Embassy in the USA, Office of
2 years Science and Technology, **San Francisco**.
Key Words : editor, quarterly technology watch publication : scientific conferences, sector analysis and synthesis, good knowledge of American R&D, France-USA scientific exchange facilitation, contacts network
- **2001** Research experience at the **Cambridge University Engineering**
4 months **Department**.
Subject : MHD 2D flow model with a turbulent Hartmann layer : physical model, numerical model, simulation, analyses, physical properties and error calculation.
- **2000** Installation in **Mopti, Mali**, of a networked computer room with
2 months an Internet connection. Pedagogical training of the users.
- **1998** Research experience in the **Optics of Solids Laboratory**, Pierre
2 months and Marie Curie University (Paris VI).
Subject : Optical Behavior of Butterfly Wings : thin layers, interference, spectroscopy and modelling.
- **1996/97** Work Exp. Failure Analysis Dept., **IBM France**, Corbeil-Essonnes.
2*2 months Electron microscopy (MEB) for the CMOS production line support, research, analysis and characterisation of defects.

Interests

Associations : Secretary General of the **projetMALI association**.
Sports : **Tennis** (competed in university team), skiing.
Hobbies : Motorcycle, **photography**, music (guitar), travelling, cultural events (exhibitions, concerts, museums).