

Philippe CALFAYAN
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French nationality
23 years old, bachelor

Education

- 2003-2004** MASTER IN SUBATOMIC PHYSICS AND ASTROPARTICLES, JOSEPH FOURIER UNIVERSITY OF GRENOBLE.
- 2001-2004** DIPLOMA IN ENGINEERING, ECOLE NATIONALE SUPRIEURE DE PHYSIQUE DE GRENOBLE (NATIONAL ENGINEERING SCHOOL OF PHYSICS) MEMBER OF THE INPG (GRENOBLE NATIONAL POLYTECHNIC INSTITUTE).
Specialization in Nuclear Engineering
- 1999-2001** PARIS. UNIVERSITY-LEVEL COURSES IN MATHEMATICS, PHYSICS AND CHEMISTRY TO PREPARE THE COMPETITIVE ENTRANCE TO FRENCH ENGINEERING SCHOOLS.
- 1997-1998** BACCALURAT S (FRENCH EQUIVALENT OF "A-LEVELS", SPECIALIZED IN SCIENCES).

Professional Experiences

- 2004**
(4 months) SUBATOMIC PHYSICS AND COSMOLOGY LABORATORY OF GRENOBLE (LPSC GRENOBLE). JAUGINOS PAIR PRODUCTION AT TEVATRON.
Next to Leading Order corrections and efficiency study at DØ
▷ *Experimental analysis and theoretical work.* ▷ *C/C++ and FORTRAN 77/90 programming.* ▷ *Improvement of an event generator.* ▷ *Use of ROOT software.*
- 2003**
(2 months) KASTLER BROSSEL SPECTROSCOPY LABORATORY (LKB, PARIS). ACOUSTO-OPTIC SCANNING AND NETWORK ANALYZER.
Data acquiring for a scanning experiment and creation of a graphical interface to drive a network analyzer
▷ *Work in the development department.* ▷ *Work with ABmm Ltd.* ▷ *Use of Labview software.* ▷ *Creation of C Dynamic Libraries.*

Computer Skills

Programming	C/C++, FORTRAN 77/90
Operating systems	UNIX/LINUX, WINDOWS
Office softwares	LATEX and Word, Excel, Powerpoint, ...
Scientific softwares	ROOT, LABVIEW

Languages

English	fluent
German	good
Armenian	spoken
Japanese	beginner

Hobbies

science fiction, music, mountain sports, computer...

Referencies

MICHAEL KLASSEN
LPSC Grenoble, Theory group
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GERARD SAJOT
LPSC Grenoble, DØ group
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