

M. Xavier Gnata

56 allée Rameau

71450 Blanzay

06.62.61.24.90

xavier.gnata@supphy.u-3mrs.fr



Citizenship: French

08.14.1980

ENGINEER

Academic background

2000-february 2003: Engineering school ENSPM: Ecole Nationale Supérieure de Physique de Marseille. Courses on mathematics, and physics, especially on optics (Geometrical, Fourier, laser and no-linear) and signal/image processing.

1998-2000: Preparatory classes MP: Nation wide competitive preparation program in advanced mathematics and physics for admission to French leading Engineering Schools. Lycée du Parc Lyon.

June 1998: Baccalauréat S (mathematics and physics). Highest honors.

Work experience

March/August 2003: « Centre de Recherche Astronomique de Lyon » in consortium with Laboratoire d'Astrophysique de Marseille and EADS:
End to end simulation and performances analysis of the Near Infrared Spectrograph (NIRSpec) of the James Webb Space Telescope. C code for Fourier Optics calculation.

July/Nov 2002: « Laser et Applications » Laboratory, CEA Saclay:
Design and build of an UV laser by intracavity frequency tripling a high repetition rate Nd:YAG laser.

Foreign languages and other skills

German: Zertifikat Deutsch: 261,5/300 points.

English: Toeic: 760 points.

Computer science: C, C++, HTML, Zemax, Matlab, Mathematica, GNU/Linux.

Hobbies and interests

Music (Clarinet). Amateur Astronomy.