

Antoine LORLETTE

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EDUCATION -

KTH - Royal Institute of Stockholm 2006/2007
3rd year of engineering school, specialization in Photonics (ERASMUS)

ENSPS - National Higher School of Physics in Strasbourg (ENSPS) 2003/2007
Master 1st year in Images and Computer Science 2005
1st - 2nd year for the engineer graduate diploma 2003

Preparatory class for entrance exams for Higher Education Engineering Schools 2001/2003

Theoretical knowledge in physics :

- Signal Processing, Statistics
- Statistical & Quantum Mechanics
- Num/Analog Electronics
- Optics & Electromagnetics

Knowledge in data processing :

- Matlab, C/C++, VHDL-AMS, Spice
- CODE V, Altium Designer, RapidForm
- OS : Windows, Unix

French as mother tongue, fluent in english, basics of swedish, (german, spanish)

PROFESSIONAL EXPERIENCE -

* Engineer internship

ASIM/LIP6, informatical laboratory in Pierre et Marie Cury University (Paris 6) 2005
Subject : Software development for Hardware MP3 Decoder (C, Unix)

C2RMF, Research laboratory of the Louvres Museum 2004
Subject : Processing, rebuilding and recognition of 3D objects

* Student project at ENSPS

2nd year : 2005
Modelling of fast switching liquid cristal display (SSFLCD) with the VHDL-AMS
for the companies Micromodule and Systems'Vip

1st year : 2004
in language C : Modelling of the escape of water in a barrel
Numerical resolution of an electromagnetical problem
Analog Electronics : Study and construction of a guitar tube amplifier
Construction of an azimuthal telescop motorization

Misc : Interface, Acquisition, Processing and GUI for a camera (Windows OS)
Bibliography, modeling and simulation of a Shack Hartman wavefront analyser

FREE TIME -

Reading, music, guitar

Sport - Handball manager in universitary championship

Home teaching in Sciences for student at high school level

2003/2006

1998/2007