

# Matteo Fois

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## Education

**2014-ongoing:** 2nd Level Master degree in High Performance Computing, University La Sapienza of Rome. curriculum: Data and Image Processing.

**2011-2014:** Master degree in Mathematics and Applications, University La Sapienza of Rome.  
curriculum: Numerical Analysis with biomedical applications  
Thesis: *A mathematical model for the filling process of a silo with granular materials.*  
Supervisor: Stefano Finzi Vita. Final mark: 106/110.

**2008-2011:** Bachelor degree in Mathematics, University La Sapienza of Rome.  
curriculum: Applied Mathematics.  
Thesis: *Regularization Methods for Discrete Inverse Problems.*  
Supervisor: Silvia Noschese. Final mark: 101/110.

**2003-2008:** Scientific High School diploma, Liceo Scientifico G. Piazzi, Morlupo  
Final mark: 90/100.

## Languages

- **Italian:** Native.
- **English:** Fluent.
- **French:** Discrete.
- **Spanish:** Average.
- **German:** Basic.
- **Japanese:** Elementary.

## Computer skills

- Good knowledge of the following programming languages: C/C++, Fortran, Matlab, Mathematica, Freefem.
- Good knowledge of the messaging protocols MPI and openMP for applications of parallel computing.
- Basic knowledge of the graphical APIs OpenGL and SDL.