

Arthur Leclaire

Education

- 2011–2015 **PhD in applied mathematics**, *Université Paris Descartes, laboratoire MAP5*.
Under the supervision of L. Moisan and B. Galerne. Title: “Random Phase fields and Gaussian Fields for Image Sharpness Assessment and Fast Texture Synthesis”.
- 2010–2011 **Master of Mathematics, Computer Vision, and Machine Learning**, *ENS Cachan*.
Summa cum laude.
- 2009–2010 **Agrégation (High-level teaching degree)**.
Succeeded with rank 8
- 2007–2009 **Bachelor in Mathematics**, *Université Paris VII - ENS Paris*.
Cum laude.
- 2005–2007 **Undergraduate studies**, *Université Henri Poincaré Nancy 1*.
2005 **Baccalauréat**, *Lycée Henri Loritz, Nancy*.
Summa cum laude.

Work experience

- 2014–... **Junior Teacher and Researcher (Agrége-Preparateur)**, *ENS Cachan*.
- 2011–2014 **PhD student**, *Université Paris Descartes, laboratoire MAP5, UMR CNRS 8145*.
- 2009–2011 **Elève normalien**, *ENS Cachan*.
- 2008–2009 **Math examiner**, *Lycée J. Decour, classe de MP, Paris*.
- Jul., Aug. 2008 **Summer internship**, *La Banque Postale, Nancy*.

Languages

- French Native language
English Fluent

Research topics

- Continuous and discrete Fourier analysis.**
Random fields.
Texture modelling, analysis and synthesis.
No-reference image quality assessment.
Image restoration.

Publications

See detailed list on my webpage..

Computer skills

OS	Windows, Linux.	Math. software	Matlab, Scilab
Image processing	MegaWave, WaveLab.	Programming	C. Java (notions).
Other	L ^A T _E X, HTML, CSS, Javascript		

Hobbies

- Music Practiced the piano since 1999. Regularly involved in chamber music project (violon/piano, clarinet/piano...).
- Sports Badminton (regular practice). Running, swimming, cycling (occasional practice).