William Schueller

Curriculum vitae

90, rue Robespierre
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33400 Talence, France
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✉ *william.schueller@gmail.com*
Born 23/12/1988 in Mulhouse, France

Education

2015– **PhD in Computer Science**, *Computational and statistical models of active learning mechanisms in the dynamics of language formation in groups of individuals*, supervised by Pierre-Yves Oudeyer.
INRIA Bordeaux Sud-Ouest
Bordeaux, France

2011–2012 **M2 (2nd year of Master)**, *Complex Systems Modelling*.
ENS de Lyon and IXXI (Institut des Systèmes Complexes Rhône-Alpin)
Lyon, France

2010–2011 **M1 (1st year of Master)**, *Matter Sciences (Physics)*,
Semester *Genetics and Molecular Biology*.
Ecole Normale Supérieure de Lyon
Lyon, France

2009–2010 **Licence (Equivalent to BSc)**, *Matter Sciences (Physics)*.
Ecole Normale Supérieure de Lyon
Lyon, France

2006–2009 **Classes préparatoires**, *Mathematics, Physics, Computer Science*,
Post-secondary program preparing for entrance exam to French Grandes Ecoles.
Lycée Kléber
Strasbourg, France

2006 **Scientific high school diploma with highest honors**.
Lycée Don Bosco Landser
Landser, France

Teaching

2012-2014 **Maths and Physics Lecturer**,
French-speaking University Galatasaray, Engineering and Computer Science Faculty,
Istanbul, Turkey.
Maths and Physics oral examinations, Physics experiments, French for Mathematics

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Publications

2016 W. Schueller and P.-Y. Oudeyer. **Active Control Of Complexity Growth In Naming Games: Hearer's Choice**. In *The Evolution of Language: Proceedings of the 11th International Conference (EVOLANGX11)*, 2016.

2015 W. Schueller and P.-Y. Oudeyer. **Active Learning Strategies and Active Control of Complexity Growth in Naming Games**. In *the 5th International Conference on Development and Learning and on Epigenetic Robotics*, Providence, RI, United States, 2015.

Invited Talks

July 2015	**Active learning and active control of growth complexity in naming games**, *Complexity & Quantitative Linguistics Lab, Universitat Politècnica de Catalunya*, Barcelona, Catalonia, Spain.

Internships

2014–2015	**Active Learning in language emergence models**, *with PY Oudeyer*, Flowers Team INRIA Bordeaux Sud-Ouest, Bordeaux, France. Preparation of PhD project
2012	**Energy distribution dynamics in an anthill**, *with JL Deneubourg*, Unité d'Ecologie Sociale Université Libre de Bruxelles, Brussels, Belgium. Modelling food exchange and storage by ants, comparison with experimental data
2011	**Theoretical Models of Language**, *with Ramon Ferrer i Cancho*, Departament de Llenguatges i Sistemes Informàtics Universitat Politècnica de Catalunya, Barcelona, Spain. Using approaches inherited from information theory and statistical mechanics
2010	**Large scale experiment for the understanding of ultrasonic scattering by red blood cells aggregates**, *with Emilie Franceschini*, Laboratoire de Mécanique et d'Acoustique, Marseille, France. Experimental protocol setting, data acquisition and comparison with theoretical values

Languages

French	**Very Good**	*Mothertongue*
English	**Very Good**	*Fluent*
Spanish	**Very Good**	*Fluent*
German	**Very Good**	*Fluent*
Turkish	**Good**	*Fluent*
Catalan	**Average**	*Efforts needed*
Farsi	**Low**	*Basic conversations*
Basque	**Low**	*Beginner*

Computer skills

Programming	Python, Matlab
Algebra computing	Maple, Sage

Interests

Beekeeping	4 years of practice
Sport	Running, rock climbing
Drawing	Travel sketches
Travels	United States, Philippines, Europe, South Africa, Middle East...

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