



# Slimane Dridi

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## General information

Birth date and place 14.02.1985 in La Tronche, France  
Citizenship Tunisian/French  
Adress Institute for Advanced Study  
Manufacture des Tabacs  
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## Previous positions

09/2017– **Research fellow**, *Institute for Advanced Study in Toulouse, France.*  
08/2015– **Postdoctoral researcher**, *University of Pennsylvania, Philadelphia, PA, Advisor: Erol Akçay.*  
08/2017  
03/2014– **Postdoctoral researcher**, *University of Lausanne, Switzerland, Advisor: Laurent Lehmann.*  
02/2015

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## Education

11/2009– **PhD thesis in evolutionary biology**, *University of Lausanne, Switzerland, Supervisor: Laurent Lehmann.*  
02/2014  
09/2007– **Master of Science**, *Grenoble INP, France, Cognitive Sciences.*  
09/2009  
09/2004– **Bachelor in Psychology**, *University of Grenoble, France.*  
09/2007 Specialized in Cognitive Psychology

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## Publications

### Preprints

2016 **Dridi, S., and E. Akçay**, *Learning to cooperate: The evolution of social rewards in repeated interactions*, Biorxiv, doi:10.1101/074096.

### Articles in international peer-reviewed journals

2017 **Dridi, S., and E. Akçay**, *Learning to cooperate: The evolution of social rewards in repeated interactions*, *The American Naturalist*, in press.

- 2015 **Dridi, S., and L. Lehmann**, *Environmental complexity favors the evolution of learning*, Behavioral Ecology, 27 (3): 842–850.
- 2015 **Dridi, S., and L. Lehmann**, *A model for the evolution of reinforcement learning in fluctuating games*, Animal Behavior, 104: 87–114.
- 2014 **Dridi, S., and L. Lehmann**, *On learning dynamics underlying the evolution of learning rules*, Theoretical Population Biology, 91: 20–36.
- 2009 **Kaminski, G., S. Dridi, C. Graff, and E. Gentaz**, *Human ability to detect kinship in stranger's faces: Effects of the degree of relatedness*, Proceedings of the Royal Society B: Biological Sciences, 276 (1670): 3193–3200.
- Press**
- 2009 **Revue du CNRS**, “Un p’tit r de famille”, <http://www2.cnrs.fr/presse/communique/1629.htm?&theme1=7>.

## Computer programming skills

Basic	R
Intermediate	C++, L <sup>A</sup> T <sub>E</sub> X, z-Tree, Sage/Python
Advanced	Mathematica

## Teaching

- Fall 2016 Advisor of research project in Mathematical Biology of Natalie Weiss (undergraduate student), University of Pennsylvania.
- Springs 2013–2014 Teaching assistant in Population Genetics for 2nd year Bachelor in Biology, University of Lausanne (main teacher: Jérôme Goudet).
- Fall 2013 Teaching assistant in Experimental Design for 3rd year Bachelor in Biology, University of Lausanne (main teacher: Tadeusz Kawecki).
- Fall 2013 Advisor of first-step project of Ana Lucia Salgado Maldonado for the Master in Behavior, Ecology, and Conservation, University of Lausanne.

## Academic service

### Reviewer

*Proceedings of the Royal Society B: Biological Sciences; Journal of Theoretical Biology; Integrative and Comparative Biology; Journal of Ethology*

## Presentations

- 06/2016 Oral Presentation at the Annual International “Evolution” conference, Austin, TX (USA).
- 06/2015 Poster presentation at the 3rd Toulouse Economics and Biology Workshop, Institute for Advanced Study in Toulouse, Toulouse, (FR).
- 01/2015 Poster Presentation at the workshop on “Mathematical and Computational Modeling in Life Sciences”, Rigi (CH).
- 12/2012 Oral Presentation at the 1st Annual Workshop of the PhD Program “Proximate and Ultimate Causes of Cooperation”, Beatenberg (CH).
- 07/2011 Oral Presentation at the Annual International conference on Human Behavior and Evolution (HBES conference) in Montpellier, France.

03/2011 **Invited** seminar at the “Laboratory of Intelligent Systems”, EPFL - Ecole Polytechnique Fédérale de Lausanne, Lausanne (CH).