

HANNES SVARDAL

CURRICULUM VITAE

Academic titles:
Dipl. Ing., MSc

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PHD

02/2009 – present **University of Vienna, Austria**
Institute of Mathematics, Mathematics and Bioscience Group (Group Hermisson)
PhD "Mathematical Models for the Evolution of the Genotype-Phenotype Map"

BACHELOR'S AND MASTER'S

09/2005 – 06/2007 **Ecole Centrale Paris, France**
Engineering Science and Management
Master's level engineering diploma

09/2005 – 11/2008 **Université Paris-Sud 11 – Orsay, France**
Fundamental and Applied Physics
Master's degree "Mention Très Bien"

10/2003 – 11/2008 **Vienna University of Technology, Austria**
Technical Physics
Dipl. Ing. (Bachelor's + Master's equivalent) "with distinction", average grade: 1.09
Master's thesis on the evolution of phenotype determination at the University of Vienna

MIDDLE SCHOOL AND COMMUNITY SERVICE

09/1994 – 06/2002 **Bundesrealgymnasium Gröhrmühlgasse, Wr. Neustadt, Austria**
Grammar school with natural science focus
School leaving examination (Matura) and all years "with distinction", average grade 1.0.

10/2002 – 09/2003 **Stadtheim Wr. Neustadt, Austria**
Community service in a retirement home

LANGUAGES

German Native speaker
English Fluent written and oral (studied for 10 years) TOEFFL score 630
French Fluent written and oral (2 years in France) "Diplome Superieure", C1
Chinese Good knowledge written and oral (3 years of sinology studies and speaking practice)
Spanish Basic knowledge (studied for 3 years & 3 language courses)

PUBLICATIONS

Svardal, H., Can epigenetics solve the "Case of the Midwife Toad"? -- A comment on Vargas - J Exp Zool B Mol Dev Evol. 2010 Dec 15;314(8):625-8.

Svardal, H., Rueffler C., and Hermisson, J., Comparing environmental and genetic variance as adaptive response to fluctuating selection (submitted to Evolution)

Rueffler, C., Svardal, H., and Abrams, P., The evolution of randomized strategies (in prep.)

Rueffler, C., Svardal, H., and Abrams, P., The evolution of phenotype determination in a lottery model (in prep.)

non peer-reviewed on ornamental fish:
Aquristik 3/2006; DCG-Info 6/2006; DATZ 9/2006; L'an Chichlidé 6/2006; DATZ 4/2008

SELECTED PRESENTATIONS AND TALKS

12/2010 "Comparing genetic and environmental variance as adaptive response to fluctuating selection"
Contributed Talk at the International Conference "Speciation 2010", Laxenburg, Austria

06/2010 "Does fluctuating selection favour an increase in environmental or genetic variance?"
Talk at the Workshop "Models in Evolutionary Ecology", Montpellier, France

11/2009 "Developmental noise - When does it evolve and how can it influence evolution?"

Talk at the ETH Zürich, Switzerland
08/2009 "Why don't we observe Bet-Hedging more often?"
Poster presentation at ESEB Congress, Torino, Italy

WORKSHOP PARTICIPATIONS

09/2010 Workshop "Empirical Methods in Speciation Research", Kastanienbaum, Switzerland
06/2010 Workshop "Models in Evolutionary Ecology", Montpellier, France
09/2009 Workshop "Evolution in Metapopulations", La Fouly, Switzerland
06/2009 Workshop in evolutionary biology, Guarda, Switzerland
04/2009 Workshop "Theory of Speciation", Groningen, The Netherlands
08/2008 "Helsinki Summer School on Mathematical Ecology and Evolution", Turku, Finland

PROFESSIONAL SERVICE

12/2009 – present Administrator of the Viennese evolutionary research platform "evolVienna",
www.evolvienna.at