

CURICULUM VITAE

Albrecht Haase

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38068 Rovereto (TN)

Italy

WORK EXPERIENCE

since Dec 2020

Associate Professor at the University of Trento

Feb 2013 - Nov 2020

Assistant Professor at the University of Trento

Aug 2008 - Jan 2013

center, University of Trento

PostDoc in the Biophysics and Biosignals group of Renzo Antolini at the BIOtech

Sep 2005 - Jul 2008

PostDoc in the Quantum Optics group of Jürgen Eschner at ICFO, Barcelona, Spain

Jul 2005 - Aug 2005

Heidelberg, Germany

PostDoc in the Quantum Optics group of Jörg Schmiedmayer, University of

EDUCATION AND TRAINING

Oct 2000 - Jun 2005

PhD studies in Physics, University of Heidelberg, Germany

Oct 1998 - Feb 2000

Experimental thesis work at the University of Innsbruck, Austria

Oct 1994 - Jun 2000

Studies of Physics, Freie Universität Berlin, Germany

LEADERSHIP

since Mar 2019

Head of the Laboratory for Biophotonics & Neurophysics, Department of Physics

since 2012

Principle investigator of the Neurophysics group at the Center for Mind/Brain

Aug 2008 – Dec 2011

center of the University of Trento

Responsible for the experimental realization of a new Bioimaging laboratory at the

Jun 2007 - Jul 2008

ICFO, Barcelona, Spain

Principal investigator of the project: Quantum light from quantum scatterers at

Oct 2005 - Jul 2008

experimental subgroup within the Quantum optics group at ICFO, Barcelona, Spain

Responsible for the construction of the Single Photon Laboratory and Head of an

Oct 2001 – Jul 2005

laboratory at the Experimental physics institute, University of Heidelberg, Germany

Responsible for the construction and operation of a Single-atom-detection

FUNDING ID

since 2012 Coordinator of 7 financed national and regional projects for a total of >1.3 M€

HONOURS AND AWARDS

Apr 2018 Italian National Habilitation in Applied Physics (02/D1, Fascia 2)
Apr 2017 Italian National Habilitation in Experimental Physics (02/B1, Fascia 2)
Jun 2005 PhD with great honors (magna cum laude), University of Heidelberg, Germany

BIBLIOMETRICS Jan 2022

GOOGLE SCHOLAR

Indexed publications 100
Total citations 1754
H-index 22

SCOPUS

Indexed publications 59
Total citations 1124
H-index 18

SOCIETY MEMBERSHIPS

German Physical Society (DPG)
Italian Physical Society (SIF)
Italian Society for Neuroscience (SINS)
Italian Society for Experimental Biology (SIBS)
European Chemoreception Research Organization (ECRO)
Honeybee research associations EurBee and COLOSS

EDITORIAL ACTIVITY

Associate Editor for Frontiers in Insect Sciences (Insect Neurobiology)
Editorial board member Insects/MDPI
Reviewing editor of Frontiers in Environmental Science

PEER REVIEWING

Chemistry - A European Journal, Comparative Biochemistry and Physiology, Frontiers Ecology And Evolution, Frontiers In Neuroinformatics, Insects, Insect Biochemistry and Molecular Biology, Journal of Agricultural and Food Chemistry, Journal of Photochemistry and Photobiology, Learning and Memory, Molecules, Proceedings of the Royal Society B: Biological Sciences, PLOS One, Scientific Reports

External reviewer for the Italian National Agency for the Evaluation of Universities and Research Institutes

CURRENT MAIN RESEARCH LINES AND COLLABORATIONS

- Neurotoxic pesticide-induced structural and functional neuroplasticity and its influence on learning capabilities in honeybees with Sergio Angeli (University of Bolzano), Gianfranco Anfora, Paolo Fontana, and Valeria Malagnini (FEM, S. Michele all' Adige, Italy)
- Neuroscience of plant-insect interaction via neuroactive substances in extra-floral nectars with Stefano Mancuso (University of Firenze), Franco Faoro (Università degli Studi di Milano), Donato Antonio Grasso (Università degli Studi di Parma) and Massimo Nepi (Università degli Studi di Siena)
- Brain Network Dynamics, Strategic project of the Ateneo of UniTrento with Dept. of Physics, CIMEC, CIBIO, Department of Information Engineering and Computer Sciences, UniTrento, Fondazione Bruno Kessler, Center for Neuroscience and Cognitive Systems (CNCS) of IIT
- Development of a transgenic honeybee model with Martin Beye (University of Duesseldorf, Germany), Julie Carcaud and Jean-Christophe Sandoz (CNRS, France)
- Pheromones as modulators of Cognitive Behaviour with David Baracchi (University of Florence), Patrizia Vignolo (University of Nice-Sophia Antipolis, France), and Martin Giurfa (University of Toulouse, France)
- Neuronal network dynamics in the insect model , Yuri Antonacci (Sapienza Università di Roma), Luca Faes (Università di Palermo), Marco Paoli (CNRS, France), Ludovico Minati (Pervasive Edge S.r.l.s, Italy)
- Development of an optogenetic fruitfly model to study brain connectivity and artificial perception with Damiano Zanini (University of Wuerzburg, Germany)
- Structural and functional brain lateralization with Giorgio Vallortigara (CIMEC Trento), Gianfranco Anfora (FEM, S. Michele all' Adige) and Paul Szyszka/Giovanni Galizia, University of Konstanz, Germany)
- Neuronal correlates of Sleep in the insect brain Uri Hasson (CIMEC), Sebastian Mogulier (Universidad Favaloro, Argentina)
- Lateralisation of Antennal motion with Elisa Rigosi (University of Lund, Sweden), Gustavo Moreno e Mello (Oslo Metropolitan University, Norway)
- Influence of Geosimin on bee aggression, Amelie Cabriol (University of Lausanne, Switzerland), Morgan Nouvian (University of Konstanz, Germany), Thomas Novotny (University of Sussex, UK)