

# Curriculum Vitae

Carlo Albert

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- Education**      *Doctor of Physics, Dr. Phys. ETH*  
Accepted under the recommendation of Prof. Jürg Fröhlich (examiner) and Prof. Giovanni Felder (co-examiner) at the Institute for Theoretical Physics, ETH Zürich, Switzerland  
*Diploma in Mathematics, Dipl. Math. ETH with honors*  
Awarded with the [Polya prize](#), diploma thesis under the supervision of Prof. Norbert Straumann at the Institute for Theoretical Physics, University of Zürich, Switzerland
- Professional Experience**      *Group leader* (since 2012, tenured since 2017)  
Department of Systems Analysis, Integrated Assessment and Modeling (SIAM), Eawag, Dübendorf, Switzerland  
*Post-Doc* (2009-2012)  
SIAM, Eawag, Dübendorf, Switzerland  
*Post-Doc* (2007-2009)  
Section de Mathématiques, Université de Genève, Switzerland
- Recent Projects and Grants**      *Feature learning for Bayesian inference* (2022 - 2026)  
PI: Antonietta Mira, SNF grant.  
*Bayesian parameter inference for stochastic models (BISTOM)* (2018-2021)  
PI: Carlo Albert, SDSC grant.  
*Calibrating stochastic hydrological models to signatures* (2017-2021)  
PI: Carlo Albert, SNF grant.  
*Critical dynamics in phytoplankton communities?* (2015-2019)  
PI: Carlo Albert, Interdisciplinary SNF grant.
- Doctoral students**      *David Machac*  
graduated 2015 (supervisor: Prof. Bruno Sudret, ETH)  
*Jenny Held*  
graduated 2019 (supervisor: Prof. Matthias Troyer, ETH)

<b>Teaching</b>	<p><i>Lecturer at the Annual Summer School in Environmental Systems Analysis (since 2009)</i></p> <p>Eawag, Dübendorf, Switzerland</p> <p><a href="https://www.eawag.ch/en/department/siam/teaching/summer-school-in-environmental-systems-analysis/">https://www.eawag.ch/en/department/siam/teaching/summer-school-in-environmental-systems-analysis/</a></p> <p><i>Lecturer at the Ph. D. School in Physics and in the Master program “Physics of Data” (since 2020)</i></p> <p><i>University of Padova, Italy</i></p>
<b>Reviewing</b>	<p><i>Water Resources Research, J. of Hydrology, Advances in Water Resources, Env. Modelling and Software, Ecological Modeling, Limnology and Oceanography, Geosciences, Chemical Engineering Communications, Scientific Reports, Physical Review Letters, AISTATS.</i></p>
<b>Scientific Societies</b>	<p><i>Member of the European Physical Society and the Swiss Physical Society.</i></p>
<b>Publications</b>	<p><a href="#">Google Scholar</a></p>
<b>Languages</b>	<p>German: native speaker</p> <p>French: fluent in writing and speaking</p> <p>English: fluent in writing and speaking</p> <p>Italian: conversational level</p>