

PERSONAL DETAILS

Oliver Schön

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photonspheres.github.io

born on the 17th December 1993

in Albstadt, Germany

CURRICULUM VITAE

ACADEMIC EDUCATION

since 10/2019	Eberhard Karls Universität Tübingen, Germany PhD student Emmy Noether Research Group, Theoretical Astrophysics
10/2017 – 09/2019	Eberhard Karls Universität Tübingen, Germany M. Sc. Mathematical Physics, Grade 1.28 (very good) Thesis: <i>On Hyperbolic Constraints in Mathematical Cosmology</i>
10/2018 – 03/2019	University of Otago, Dunedin, New Zealand M. Sc. Mathematical Physics via DAAD scholarship
10/2013 – 10/2017	Eberhard Karls Universität Tübingen, Germany B. Sc. Mathematics, Grade 1.4 (very good) Thesis: <i>On photon spheres and 2+1 dimensional General Relativity</i>
09/2004 – 07/2013	Gymnasium Meßstetten, Germany General qualification for university entrance (Abitur)

WORK & PROFESSIONAL EXPERIENCE

since 04/2020	Teaching assistant at University of Tübingen Performing weekly academic tutoring in Linear Algebra I and Analysis I
04/2019 – 07/2019	Lecturer at <i>Leibniz Kolleg, Tübingen</i> Responsible of creating a curriculum about applied mathematics for first year students; held weekly lectures
04/2017 – 10/2018	Student assistant with Prof. Dr. Cederbaum Creating of mathematical graphics with \LaTeX and <code>tikz</code>
10/2016 – 08/2018	Teaching assistant at University of Tübingen Performing weekly academic tutoring in Analysis I, Mathematics in Computer Science I & II

EXTRACURRICULAR ACTIVITIES

since 02/2017	Mind & Shape – Exhibition of geometric models Responsible for explanations of geometrical and mathematical ideas for people with different academic backgrounds and high-school classes
since 10/2014	Student council for Mathematics Conducting various community activities; consulting international students about academic future; student member of the audit committee
11/2020 – 02/2021	AI Explained – <code>imaginary.org</code> and Goethe Institute Workshop host for multiple online classes with mixed students from Southeast Asia and Germany/UK, responsible for creating a curriculum all about AI
November 2019	Science Spaces Workshop – <code>imaginary.org</code> and Goethe Institute Workshop host in Lagos, Nigeria; responsible for a scientific exhibition created by native students; consulted local teachers about modern teaching techniques
November 2018	Physics Outreach in New Zealand Visiting multiple elementary schools in Otago, New Zealand; presenting basic concepts of physics to pupils with the Otago Optics Chapter; advising parents and teachers about possible scientific careers
March 2018	Science Spaces Workshop – <code>imaginary.org</code> and Goethe Institute Workshop host in Tashkent, Uzbekistan; responsible for a scientific exhibition created by native students; consulted local teachers about modern teaching techniques

ADDITIONAL SKILLS

Language	German (native), English (fluent), French (basic)
EDP/Programming	Microsoft Office (very good), Python (good), \LaTeX (very good), iWork (good), <code>tikz</code> (good), Matlab (good), Mathematica (basic)

HOBBIES & ENGAGEMENT

Animations	Creating short physical and mathematical Animations for a broader audience, see <code>photonspheres.github.io</code>
Music	Playing and composing music with guitar and saxophone
Engagement	Youth leader at „Ferienwaldheim Ebingen e.V.“ (children’s holiday-camp); youth leader of an interscholastic project group for „Mach Schule e.V.“ („Do School“)
Sports	Chess, Road cycling