

TEACHING EXPERIENCE

Lectures and student seminars taught at Heidelberg University

Summer term 2021	<i>The Standard Model of Particle Physics</i> , lectures for Master students (online) <i>Dark Matter Theory</i> , seminar for Master students (online)
Winter term 2020/21	<i>Dark Matter Theory</i> , seminar for Master students (online)
Summer term 20/21	<i>The Standard Model of Particle Physics</i> , lectures for Master students (online)
Winter term 2019/20	<i>Dark Matter</i> , lectures for Master students
Summer term 2019	<i>Thermodynamics</i> , lectures for Bachelor students
Winter term 2018/19	<i>Quark and Lepton Flavor Physics</i> , lectures for Master students
Summer term 2018	<i>Dark Matter Theory</i> , seminar for Master students
Winter term 2017/18	<i>Phenomenology of Quarks and Leptons</i> , lectures for Master students
Summer term 2017	<i>Quantum mechanics</i> , lectures for Bachelor students
Winter term 2016/17	<i>How to make a discovery – Search strategies for new physics at particle colliders</i> , seminar for Master students
Summer term 2016	<i>Top-Quark Physics</i> , seminar for Master students
2015 - 2021	<i>Students Lectures</i> , research seminar for PhD students

Invited teaching appointments

September 2022	<i>Effective Field Theories</i> , lectures for PhD students at the BND School, Callantsoog, Netherlands
January 2022	<i>Effective Field Theories</i> , lectures for undergraduate students at the jDPG Theory Workshop in Diez, Germany
September 2021	<i>Top-Quark Physics</i> , lecture for students and postdocs at the KSETA Plenary Workshop, Karlsruhe Institute of Technology
March 2021	<i>Dark sectors at Belle II</i> , lectures for PhD students at the Belle II Academy, online

January 2018	<i>Introduction to Dark Matter</i> , lectures for undergraduate and graduate students at the Second Colima Winter School on High Energy Physics in Colima, Mexico
March 2015	<i>Particle Physics Phenomenology</i> , teaching substitution for Prof. Ayres Freitas at University of Pittsburgh
September 2011	Tutor at summer school 43. <i>Herbstschule für Hochenergiephysik Maria Laach</i> in Bautzen, Germany

Teaching assistance in theoretical physics at Karlsruhe Institute of Technology

Oct 2008 - Mar 2009	Electrodynamics
Apr - Sep 2008	Statistical Physics
Oct 2007 - Mar 2008	Introduction to Theoretical Physics
Apr - Sep 2007	Quantum Mechanics
Apr - Sep 2006	Classical Mechanics