

Education

- Since 2014 Doctoral studies at Institute for Theoretical Physics (ITP), Vienna University of Technology (VUT)
- 2011–2013 Master studies Technical Physics, VUT, graduation with distinction
- 2007–2011 Bachelor studies Technical Physics, VUT, Degree: Bachelor of Science

Scientific Publications

- F. Brünner and V. P. Spiridonov, “A duality web of linear quivers,” arXiv:1605.06991 [hep-th]
- F. Brünner and A. Rebhan, “Constraints on the $\eta\eta'$ decay rate of a scalar glueball from gauge/gravity duality,” Phys. Rev. D 92 (2015) no.12, 121902
- F. Brünner and A. Rebhan, “Nonchiral enhancement of scalar glueball decay in the Witten-Sakai-Sugimoto model,” Phys. Rev. Lett. 115 (2015) no.13, 131601
- F. Brünner, D. Parganlija and A. Rebhan, “Glueball Decay Rates in the Witten-Sakai-Sugimoto Model,” Phys. Rev. D 91 (2015) no.10, 106002

Conference Proceedings

- A. Rebhan, F. Brünner and D. Parganlija, PoS EPS-HEP2015, 421 (2015)
- F. Brünner and A. Rebhan, PoS CD 15 (2015) 124
- F. Brünner, D. Parganlija and A. Rebhan, AIP Conf. Proc. 1701 (2016) 090007
- F. Brünner, D. Parganlija and A. Rebhan, Acta Phys. Polon. Supp. 7 (2014) no.3, 533

Talks, Posters and Schools

- 2016 Workshop on supersymmetric theories, dualities and deformation, Bern (talk)
- 2016 String theory seminar, TU Vienna (talk)
- 2016 HoloGrav Meeting Copenhagen (talk)
- 2015 University of Jena (talk)
- 2015 Annual Meeting of the ÖPG (talk)
- 2015 EPS HEP 2015 (poster)
- 2015 INFN Pisa (talk)
- 2015 Chiral Dynamics 2015 (poster)
- 2015 MPI Munich (talk)
- 2015 CERN Winter School on Supergravity, Strings and Gauge Theory (attended)
- 2014 Annual Meeting of the ÖPG (talk)
- 2014 Strong and Electroweak Matter 2014 (poster)
- 2014 Excited QCD 2014 (talk)
- 2014 Vienna Theory Lunch Seminar (talk)
- 2011 Schladming Winter School, "Physics at all scales: The Renormalization Group" (attended)

Extended Scientific Visits

- 2016 Guest researcher at MPI Munich (three months)

Other Activities

- 2016 Organization of two sessions at the annual meeting of the ÖPG
- 2016 Referee at Austrian Young Physicist Tournament
- Since 2016 President of EPS Young Minds Section Austria

2015 Presenter at an exhibition on gravitational waves at the Austrian Academy of Sciences
2015-2016 Treasurer of EPS Young Minds Section Austria
2015 Member of selection committee - best poster award EPS HEP 2015
Since 2015 Student speaker of DKPI (graduate school)
Since 2015 Referee for Physics Letters B
2012-2013 Organisation of Vienna Theory Lunch Seminar
2011 Organisation and lecturer at KinderuniTechnik, subject: electrical engineering
2009-2012 Teaching assistant at ITP, VUT, courses: electrodynamics, mathematical methods, quantum theory, statistical physics

Computer Skills

Development Basic, C, C++, Fortran
Mathematics Maple, Mathematica, Matlab

Language Skills

German Native
English Fluent
French Advanced