

Curriculum Vitae
Thomas Becher

Address:

Institute for Theoretical Physics
Albert Einstein Center for Fundamental Physics
University of Bern
Sidlerstrasse 5
3012 Bern, Switzerland

+41 31 631 8628
becher@itp.unibe.ch
<http://becher.itp.unibe.ch>
OCRID 0000-0002-1610-1303

Research Interests

Theoretical elementary particle physics, quantum chromodynamics, effective field theory, collider physics, flavor physics, Higgs physics.

Academic Positions

UNIVERSITY OF BERN, Full professor	August 2009 – present
HARVARD UNIVERSITY, Visiting scholar	January 2015 – July 2015
FERMI NATIONAL ACCELERATOR LABORATORY, Associate Scientist, Scientist I (from June 2008)	October 2004 – July 2009
STANFORD LINEAR ACCELERATOR CENTER, Research Associate	October 2001 – September 2004
CORNELL UNIVERSITY, Ithaca, NY Post-Doc	March 2000 – September 2001

Education

UNIVERSITY OF BERN, Switzerland	October 1991 – January 2000
<i>Degree:</i> Ph.D. Physics	January 2000
<i>Thesis:</i> The Low Energy Structure of the Pion Nucleon Interaction	
<i>Advisor:</i> Prof. H. Leutwyler	

Doctoral Students

Christian Lorentzen (PhD 2013), Stefanie Marti (PhD 2014), Lorena Rothen (PhD 2015), Monika Hager (PhD 2019), Marcel Balsiger (PhD expected 2020), Samuel Favrod (PhD expected 2022).

Service

- Director of the Institute for Theoretical Physics (ITP) since 2019.
- Deputy director of the Albert Einstein Center for Fundamental Physics (AEC) 2010-2016, President of the AEC scientific council since 2016-2019, vice-president of AEC scientific council since 2019.
- Referee for project applications to the Swiss National Science Foundation (SNF), Deutsche Forschungsgemeinschaft (DFG), Alexander-von-Humboldt Stiftung, European Research Council, German Israeli Foundation for Scientific Research and Development, Natural Sciences and Engineering Research Council of Canada (NSERC).
- Referee for European Physical Journal C, Journal of High-Energy Physics, Nuclear Physics B, Physics Letters B, Physical Review Letters, Physical Review D.
- Organizer of the Fermilab joint experimental-theoretical seminar 2005-2009, the physics colloquium at Bern University 2010-2014, the Physik am Freitag outreach talks at Bern University since 2012.
- Organizer of the four-week programme “Automated, Resummed and Effective: Precision Computations for the LHC and Beyond” at MIAPP, Munich, July 2017.