

# Mirjam Fehling-Kaschek

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Germany

## Curriculum Vitae

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### Personal Information

Name Mirjam Lena Fehling-Kaschek, née Fehling  
Date of Birth November 02, 1982 in Berlin, Germany  
Citizenship German  
Civil Status Married, two children (\*09/2010, \*08/2013)

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### Education

Since 11/2013 **Albert-Ludwigs-Universität Freiburg**, Postdoc.  
Group of Prof. Dr. Jens Timmer.

02/2009 – 07/2013 **Albert-Ludwigs-Universität Freiburg**, Ph.D. thesis.  
“Search for Scalar Bottom and Top Quarks with the ATLAS Detector at the LHC”,  
thesis advisor Prof. Dr. Karl Jakobs, date of examination 17.07.2013.

10/2004 – 02/2009 **Albert-Ludwigs-Universität Freiburg**, Student of physics.  
16.02.2009 Diploma (Thesis: “Studie zur Nachweisbarkeit von Supersymmetrie in  
Endzuständen mit  $b$ -Jets am ATLAS-Detector”, thesis advisor Prof. Dr. Karl  
Jakobs).

10/2005 – 09/2006 **University of Granada, Spain**, Student of physics.  
Erasmus Programme.

10/2002 – 09/2004 **University of Konstanz**, Student of physics.  
22.09.2004 Intermediate Diploma.

08/1999 – 06/2000 **High School Valley View, Texas (USA)**.

09/1995 – 06/2002 **Secondary School, Otto-Hahn-Gymnasium Göttingen**  
05.06.2002 Secondary School Diploma (Abitur)  
Major Subjects: physics, mathematics, english, law studies.

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### Scholarships and Awards

02/2009 – 05/2013 **Scholarship of the graduate school “Physics at Hadron Colliders”**,  
University of Freiburg.

03/2011 – 02/2013 **Scholarship of the Christiane-Nüsslein-Volhard Foundation**.

10/2009 **Gustav-Mie-Preis 2009**  
Diploma thesis award.

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### Schools and Conferences

05/2013 **Large Hadron Collider Physics Conference, LHCP 2013, Barcelona, Spain**.  
Talk: “Searches for gluino-mediated production of third generation squarks with the ATLAS detector ” on behalf of the ATLAS collaboration.

- 02/2012 **Annual Meeting of German Physical Society, Göttingen, Germany.** Talk: “SUSY Searches with  $b$ -Jets in the Final State with no Leptons at ATLAS”.
- 03/2011 **LHC on the March, Protvino, Russia.** Talk “SUSY searches in ATLAS” on behalf of the ATLAS collaboration.
- 03/2011 **Annual Meeting of German Physical Society, Karlsruhe, Germany.** Talk: “SUSY Searches with  $b$ -Jets in the Final State with no Leptons at ATLAS”.
- 06/2010 **European School of High-Energy Physics, Raseborg, Finland.**
- 03/2010 **Annual Meeting of German Physical Society, Bonn, Germany.** Talk: “Searches for a  $h \rightarrow b\bar{b}$  resonance in SUSY”.
- 09/2009 **41. Herbstschule, Maria Laach, Bautzen, Germany.**
- 03/2009 **Annual Meeting of German Physical Society, Munich, Germany.** Talk: “ATLAS discovery potential of Supersymmetry with b-jet final states”.