

Angela Fösel (Date of birth 25/07/1970 in Bamberg, Germany)

Tenured lecturer in the Didactics of Physics Department, Friedrich-Alexander-University (FAU) Erlangen-Nuremberg, Staudtstraße 7, D-91058 Erlangen, Germany

Activities concerning Teaching

being in charge of subject-didactic training of students aiming to become physics teachers at primary, secondary modern, middle and vocational schools

Focus of Research

real-life contexts for learning physics, especially sports in the context of physics

Education

- 1976 - 1980 Grundschule Gundelsheim
- 1980 - 1989 Dientzenhofer-Gymnasium, Bamberg (Abitur 1989; final mark: 1.0)
- 1989 - 1995 University of Erlangen-Nuremberg:
studies to become a second-level teacher of physics and mathematics,
thesis (Staatsexamensarbeit) in theoretical nuclear physics
(First Examination of State (Erstes Staatsexamen) 1995)
- 1995 - 1997 Friedrich-König-Gymnasium Würzburg:
teacher training (Referendariat)
(Second Examination of State (Zweites Staatsexamen) 1997)
- 1997 - 2000 University of Erlangen-Nuremberg:
graduate student on the field of particle physics,
Ph. D. thesis: 'Entwicklung und Bau eines Innendetektors für das
Crystal-Barrel-Experiment an ELSA/Bonn'
(Doctoral Degree 2000; final mark: magna cum laude)
- 2002 - 2004 University of Erlangen-Nuremberg:
sideline additional postgraduate studies to become a second-level
teacher of computer sciences
(First Examination of State 2004)
- 2006 - 2009 University of Erlangen-Nuremberg and University of Bamberg:
University Teaching Certificate program of FBZHL (www.fbzhl.de)
(Certificate of Bavarian Universities in University Teaching 2009)

Appointments

- 2000 - 2005 second-level teacher of physics, mathematics (and computer sciences) in Eckental/Bavaria
- Since 09/ 2005 tenured lecturer in the didactics of physics department, Friedrich-Alexander-University of Erlangen-Nuremberg; responsible for the didactics of physics department at the 'Campus Regensburger Straße' in Nuremberg

Editorial Boards

- Since 09/ 2006 European Journal of Physics (EJP)

Committees

- Since 09/ 2009 co-founder and member of the Executive Team of the Erlangen Student Research Centre (Erlanger Schülerforschungszentrum ESFZ) for Bavaria (www.esfz.nat.uni-erlangen.de)
- Since 01/ 2010 contact person for German network 'world of particles' (Netzwerk Teilchenwelt) at the Erlangen location (www.teilchenwelt.de/standorte)

Organisation of Conferences and Workshops

- Since 03/ 2006 (annual) In-Service Training for Physics Teachers, FAU (Chairman)
- 2006 - 2011 (annual) In-Service Training for Physics Teachers (Physik für Berufseinsteiger), Bad Honnef: conference in cooperation with Deutsche Physikalische Gesellschaft (Co-Chairman)
- Since 03/ 2006 International Masterclasses - Hands on Particle Physics, FAU: workshops for students at the age of 15 - 20 (Co-Chairman)
- 2012 In-Service Training for Physics Teachers, Bamenda (Cameroon, anglophone part) and Douala (francophone part)
- workshops in cooperation with Lehrstuhl für Allgemeine Erziehungswissenschaft I, FAU
- 2013 Make your own Sundials - an Astronomy Project, Deutsche Internationale Schule Johannesburg, South Africa: astronomy project week for students at the age of 14 - 16

Interests and extra-curricular activities

horseback riding, rock-climbing, travelling