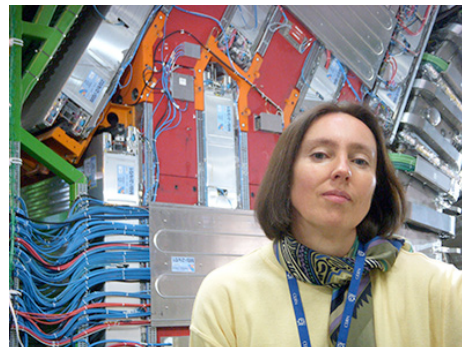


Curriculum Vitae

CLAUDIA-ELISABETH WULZ

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PERSONAL DETAILS

Date of birth: 19 Dec. 1960
Nationality: Austrian
Family status: Partnership
Children: One son (born 1997), one daughter (born 1999)

EDUCATION AND PROFESSIONAL QUALIFICATIONS

Venia legendi (Habilitation), March 2002
Doctorate (Dr. techn.) “sub auspiciis praesidentis” (awarded by the President of the Republic to the most excellent students only; about 10 to 15 students receive this distinction per year in Austria), Nov. 1986
Master of Science degree (Dipl.-Ing.), with distinction, June 1983
Studies of technical physics, Sep. 1978 - June 1986 at Vienna University of Technology

CURRENT PROFESSIONAL ACTIVITIES IN CMS

Deputy Trigger Project Manager, since March 2007
Member of the Advisory Board to the Collaboration Board 2009 - 2010
Member of the Authorship Board 2009 - 2010
Institution Board Chair for Trigger and Data Acquisition, since July 2009
Trigger Coordination Editor, since Nov. 2007
Institute Representative and link person to the funding agencies for Austria, since Nov. 1993

CURRENT PROFESSIONAL ACTIVITIES OUTSIDE CMS

Associate Professor of Physics at Vienna University of Technology, since 2002
ECFA Representative for Austria, since Nov. 2006

PREVIOUS PROFESSIONAL ACTIVITIES IN CMS

Chair of the Election Committee for the Election of the Spokesperson 2010 - 2011
Member of the Publications Committee 2005 - 2006
Regional Representative for Other CERN Member States in the Management Board (July 2003 - June 2005)
Member of the Editorial Board for Trigger and Data Acquisition 2003 - 2009
Chair of the Conference Committee 1998 - 2001
Resources Manager for the Muon Project (Sep. 1994 - June 1998)

PREVIOUS PROFESSIONAL ACTIVITIES OUTSIDE CMS

Leader of the Austrian group at the RD5 experiment at the Super-Proton-Synchrotron 1990 - 1995
Lecturer at Vienna University of Technology, Oct. 1994 - Feb. 2002
Deputy leader of the Austrian group at the NA31/NA48 experiment 1990 - 1994
Postdoctoral researcher of the Vienna Institute of High Energy Physics at the UA1 experiment and with the UA1 Minimum Bias Collaboration 1988 - 1991
CERN Fellow at the UA1 experiment 1986 - 1987
Research associate of the Vienna Institute of High Energy Physics at the UA1 experiment 1982 - 1985
CERN summer student at the ISOLDE and UA1 experiments, July - Sep. 1982

AWARDS

FEMtech Expert of the Month (Jan. 2010)
Erich Schmid Prize (May 1991)

SCIENTIFIC CONSULTING

Referee for science funding organizations such as the European Commission, the Austrian Academic Exchange Service, and other European, Asian and United States institutions
Reviewer for scientific journals such as the New Journal of Physics, Nuclear Instruments and Methods in Physics Research A, IEEE Transactions of Nuclear Science, Measurement Science and Technology
Reviewer of conference contributions such as for IEEE Nuclear Science Symposia, Physics at LHC, Four Seas Conferences, Eurocon

LIST OF PUBLICATIONS

<http://wulz.web.cern.ch/wulz/PUBS/Publications.html>

OUTREACH

Public lectures on particle physics and cosmology
Participation in particle physics exhibitions and events
Contributions for public media (press and radio interviews, participation in TV documentary)
Participation in core group to promote Austria's continued membership of CERN (contacting Nobel prize winners, drafting of statements, etc.)
Visits of CMS for students, teachers, persons from industry, VIP's, journalists and others
Responsible German translator of the CMS leaflet and fact sheet

NON-PROFESSIONAL QUALIFICATIONS

US Amateur Radio Extra Class License (callsign NX1O)
French full-privilege Amateur Radio License (callsign F5NYQ)
Associated Board of the Royal Schools of Music Examinations: Piano Grade 8 and Theory of Music Grade 6

SCIENTIFIC CAREER

My first steps in high energy physics were made at the UA1 experiment, and I had the privilege to make contributions to the discovery of the W and Z and other topics. I also participated in minimum bias analyses of UA1 data after the official end of the experiment. Subsequently I worked on calorimetry at the CP-violation experiment NA31/NA48. To prepare for physics at the Large Hadron Collider, I joined RD5, a research and development experiment dedicated to muon identification and triggering in a high magnetic field.

CMS has been a central point of my scientific career since about 1990. I have contributed significantly to Austria being among its founding members. Right from the start I have been interested in triggering and physics analysis. The inaugural trigger meeting in Bad Aussee, Austria, was co-organized by me. Around this time I had the idea for an innovative trigger, which would allow analysis-like selection criteria already at the first level. Eventually such a system, the Global Trigger, was built by the group of my Institute. I also had the idea for the Trigger Supervisor, the on-line software system that sets up, controls and monitors the entire level-1 trigger. My former student I. Magrans received a CMS thesis award in 2008 for its development. On the physics analysis side, I made the first Z' studies in CMS. Part of this work was performed during two Summer Studies at Snowmass. Today I am mostly interested in Supersymmetry and am guiding students in their analyses. I have participated in Analysis Reviews of papers on charged heavy vector bosons and commissioning. As Associate Professor I lecture on particle physics and offer practical training projects.

Apart from leading the Austrian trigger group I have several functions in CMS. I am Deputy Trigger Project Manager, and a member of the Collaboration Board Advisory Group and the Authorship Board. I was also elected Institution Board Chair for Trigger and Data Acquisition. Formerly I was Chair of the Conference Committee and Regional Representative for Other CERN Member States in the Management Board. Recently I have been asked to be part of a Constitutional Committee, charged with revising the CMS Constitution.