



Charles Fierz, IUGG Fellow

SWITZERLAND

Personal data

Full name Charles Fierz
Title Dr. ès sciences, mention physique, University of Geneva
Affiliation WSL Institute for Snow and Avalanche Research SLF, Davos, Switzerland
Homepage www.slf.ch/en/employees/fierz.html (with full publication list)

Professional and Research Interests

Snow-cover modelling, including stability aspects
Snow - Atmosphere Interactions, including energy and mass balance
Avalanche Formation; Wet snow; Snow Instrumentation
Collaborative work in the framework of international projects and organisations

Education

1988 PhD in Condensed Matter Physics, University of Geneva, Geneva, Switzerland
1983 Diploma in Physics, Swiss Federal Institute of Technology ETH, Zürich, Switzerland

Current position

2012 - Team Leader, WSL Institute for Snow and Avalanche Research SLF, Research Unit Snow and Permafrost, Team Winter Sports and Climatology, Davos, Switzerland

IUGG and IACS related activities

2011 - International Association of Cryospheric Sciences ([IACS](#)):
Immediate Past President, President (2013-2017), President-Elect (2011-2013)

2007 - Swiss National Committee for the IUGG (NC-IUGG):
Secretary and Treasurer

2015 - 2019 IUGG Statutes and By-Laws Committee:
Chair

2007 – 2011 International Association of Cryospheric Sciences (IACS):
Head of Division "Snow and Avalanches"

2005 – 2007 IUGG Commission for the Cryospheric Sciences (UCCS):
Head of Division "Snow and Avalanches"

2004 - 2009 IUGG Commission for the Cryospheric Sciences (ICSI/UCCS):
Chair Working Group on Snow Classification;
Member Working Group on Snow and Climate (book; co-ordinating author)

2000 - 2002 International Commission on Snow and Ice (ICSI):
Member of the scientific committee of the Working Group on Snow Model Intercomparison SnowMIP

Other activities

2011 - [Global Cryosphere Watch](#):
Member of the Steering Group as well as of CryoNet and Best Practices Team

2000 - Co-responsible for [WSL / SLF field sites](#) Weissfluhjoch, Davos Laret, and Dischma

1992 - Guest editor for *The Cryosphere*, *Annals of Glaciology*, and *Cold Reg. Sci. Technol.*;
Peer reviews for 10 different scientific journals;

2014 Evaluation of research department ([CNRM](#), MétéoFrance, France)

2013 Member of the Scientific Program Committee of DACA-13
(IACS/IAMAS Joint Scientific Assembly)