

Curriculum Vitae - Professor Dr. Franz Neubauer

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PERSONAL DATA:

Born at Kirchberg/Lölling, Austria: 15 July, 1951

Primary and high-school education: Wieting, Tanzenberg, Klagenfurt, Austria

Matura: June 1970

Military service: 1970 – 1971

1971 – 1978: Study of Geology and Palaeontology, resp. Mineralogy and Petrology (University of Graz, resp. University of Salzburg)

PhD November, 1978: University of Graz (supervisor: Karl Metz)

Married to Mag. Heidemarie Neubauer-Thurmaier

Two children: Vera (born 1981, medical doctor) and Elisabeth (Lisa) (born 1983, environmental geologist)

Hobbies and Sports: Travelling, mountaineering, walking, dancing (e.g., Tango Argentino).

Successful participant of several Austrian, Carinthian, Austrian student championships and Austrian military championships and places (2, 3) 1970 – 1974 in various sports: cross-country skiing, biathlon, cross-country running, orienteering

EDUCATION (THESES):

- PhD in Geology and Petrology, University of Graz, Austria, 1978. Thesis title: "Geology of the north-western Gurktal Nappe Complex in the area of the Paal Conglomerate" (translated).
- "Venia docendi" in Geology, University of Graz, Austria, 1987. Thesis title: "Structure and evolution of the Rennfeld-Mugel-Gleinalm metamorphic complexes (Eastern Alps)" (translated).

ACADEMIC APPOINTMENTS AND FUNCTIONS:

2015 – 2018: President of the Carpatho-Balkan Geological Association

2011 – 2014: European Research Council, Starting grants Panel PE10 "Earth System Sciences"

2011 – 2014: President of the Austrian Geological Society

2009 – 2011: Chair of Department Geography and Geology, University of Salzburg

2007 – 2009: Head of Study Committee Geology

2004 – 2008: Deputy Chair of Department Geography and Geology (resp. Mineralogy – 2006)

2001 – 2003: Member of the Senate of the University of Salzburg

1999 – 2004: Head of the Institute of Geology and Palaeontology, Salzburg University

1994 – 2001: Chair of the Curricula Commission of Earth Sciences, Salzburg University
 Since Sept. 1993: Full Professor of Geology (and Palaeontology), University of Salzburg, Austria
 1988 – 1993: Associate Professor) in Geology, University of Graz, Austria
 1983 - 1988: Assistant Professor in Geology, University of Graz, Austria; several research visits (six months) in the Laboratory of Geochronology in Münster, Germany
 1981 – 1983: Assistant Professor in Geology (with Prof. W. Frisch), University of Tübingen, Germany
 1979 – 1980: Research Assistant (Geology, with Prof. K. Metz and H.W. Flügel), Univ.of Graz, Austria
 1976 – 1978: Student Research Assistant (in Mining Geology), University of Graz, Austria

PROFESSIONAL MEMBERSHIPS, SERVICES AND AWARDS:

Member of the Academia Europaea (since 1998)	President of the Austrian Geological Society
Prof. h. c. University of Bucharest (11/1995)	2011–2014
Council Member (1994–1999) of the European Union of Geosciences	Geologische Vereinigung Geological Society of America
Council Member of the Austrian National Committee of Geosciences	American Geophysical Union 1985: Theodor-Körner-Preis

RESEARCH FOCUS:

Tectonics, Structural Geology, Geochronology (mainly $^{40}\text{Ar}/^{39}\text{Ar}$), **Geology, Sedimentary Petrology.**

At present: Mountain building processes in collisional orogens like Eastern Alps and Carpathians, Alay-Kunlun Mts. Integrated research on relationships of intra-lithospheric tectonic processes and sedimentary basin formation including consequences for ore deposit formation and oil fields. Furthermore, structure, tectonic evolution and paleogeography of the Alps, Carpathians and Eastern Mediterranean mountain belts both during pre-Alpine and Alpine times; large-scale structures of orogens; fault kinematics and orogenic dynamics in the Alps, Cuba, Western, Central and Northeast China and Iran; exhumation of high- and ultra-high-pressure units in Alps, Cyclades.

PARTICIPATION ON INTERNATIONAL PROJECTS,

IGCP project no. IGCP 546 "Subduction Zones of the Caribbean"

Basin-Mountain Coupling in Western China: Geology of the Tibet-Altyn-Kunlun orogenic system
 belt including fault kinematics, exhumation of ultra-high pressure units and related sedimentary basins (cooperation with the Jilin University, Changchun, and Qinghai Oil Company, China).

FIVE MOST IMPORTANT INVITATIONS TO PRESENT AT SCIENTIFIC CONFERENCES

2012: 29th IAS Meeting of Sedimentology, 2012-09-11: *Geodynamic control of Cenozoic orogenic basins in the Alpine-Carpathian-Dinaric-Hellenic orogenic belt: What makes them different?*

2012: Darius Workshop, Milano, Italy, 2012-02-09: *The closure of Palaeotethys and the Cimmerian tectonic evolution: Central Iran vs. the northern and northeastern margin of Tibet*

2008: Gondwana 13 Conference, Dali, China, 2008-09-16: *Neoproterozoic-Cambrian tectonic elements in the Tethyan belt between Alps and Iran: evidence for long-lasting subduction and terrane accretion along the Laurussian margin*

2007: 3rd Topo-Europe Conference, 2007-05-04: *Neogene to Recent Motion of Adria, formation of the Friuli orocline, and deformation of Eastern Alps and northeastern Dinarides*

2006: Geomechanik-Kolloquium, 2006-10-10: *Some controls on fault zone properties in the Eastern Alps*

FIVE MOST IMPORTANT PEER REVIEW ACTIVITIES, EDITORSHIPS, MEMBERSHIPS IN ACADEMIC ORGANIZATIONS:

Member of the ACADEMIA EUROPAEA (since 1998)

BLUNDELL, D., NEUBAUER, F. & VON QUADT, A., Eds., 2002. The timing and location of major ore deposits in an evolving orogen. Geological Society of London Special Publication, 204: 1–x + 1–358.

Council Member (1994–1999) of the European Union of Geosciences

NEUBAUER F., CLOETINGH S., DINU C., MOCANU V., Eds., 1997. Tectonics of the Alpine-Carpathian Region, II. Tectonophysics, 272: 93–333.

RAUMER, J. VON & NEUBAUER, F., Eds., 1993. Pre-Mesozoic Geology in the Alps. Berlin (Springer), pp. I-XI + 1- 677.

FIVE MOST IMPORTANT RESEARCH PROJECTS FUNDED IN THE PAST:

Polyhalite: a key for dating sedimentary and tectonic processes of evaporites, FWF-Project P22,728, 2011-2014

Late-stage orogenic evolution: How to link surface motion with distinct deep lithospheric processes, FWF-Project no. P22,110, 2010 – 2014.

TRANSALP – Deep seismic profile of the Eastern Alps, co-applicant, financed by Ministries of Science Austria, Germany and Italy and ENI-AGIP, 1998–2006, Austria–Germany–Italy

GEODE - Geodynamics and ore deposit evolution“: European Science Foundation, chairing the ABCD subproject, 1998 – 2005 (mainly with Swiss and Bulgarian Universities)

Dating of Detrital White Mica, FWF-Project no. 10,506, 1995–1998.

NAMES AND INSTITUTIONS OF KEY INTERNATIONAL COOPERATION PARTNERS IN THE LAST 5 YEARS:

Sibila BOROJEVIĆ ŠOŠTARIĆ, Technical University of Zagreb, Croatia

Sierd CLOETINGH, Utrecht University, The Netherlands

Yunpeng DONG, Institute of Geology, Northwest University, Xi’an, China

István DUNKL, University of Göttingen, Germany

Chris HEINRICH & Albrecht von QUADT, ETH-Zentrum, ETH Zürich, Switzerland

Christian KOEBERL, University of Vienna, Austria

Junlai LIU, China Geosciences University, Beijing, China

Yongjiang LIU, College of Earth Sciences, Changchun, China