

Curriculum vitae

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(Aktive Links in the pdf-file)

Peter W. Michor

<https://www.mat.univie.ac.at/~michor/>

- Born 20 Mai 1949 in Villach, Austria.
- Elementary school in Thörl-Maglern, Kärnten, Austria, 1955–1959.
- Realgymnasium ‘Werkschulheim Felbertal’ (Ebenau, Salzburg) 1959–1968. Gesellenprüfung Radiomechanik 1967, Matura 1968.
- 1968/69 obligatory military service
- 1969–1973 study of Mathematics and Logics at Universität Wien. Dr. phil. July 1973.
- Since 1972 Assistent professor at Universität Wien, ‘Habilitation’ 1977, then Dozent (Reader), Professor since 1990.
- On leave: 1975 University of Warwick, UK. 1977/78 Universität Klagenfurt, Austria. 1978/79 Universität Mannheim, Germany.
- Visit of 2-4 weeks in Kaiserslautern (1976), Warsaw (1982), Napoli (1987), Valencia (1988), Florence (1990), Providence/Boston/Cambridge (USA, 2003, 2004, 2005, 2006, 2007, 2008, ...).
- Married since 1979, 2 daughters (1979, 1982; PhD 2005, 2005).
- Co-founder and long time participant of the ‘Central European Seminar of Differential Geometry’ Brno-Prague-Vienna which started 1986, in the beginning monthly, now 2-3 times per semester.
- 1992/93 Co-founder with Walter Thirring of the ‘Erwin Schrödinger Institute of Mathematical Physics (ESI)’ in Vienna, ‘Acting Director/Scientific Director’ till 2003: www.esi.ac.at.
- 1995-1998 Secretary of the ‘European Mathematical Society’ and chair of its ‘committee for electronic publishing’. Initiator and Co-founder of the ‘Electronic library of Mathematics (EMIS)’, <https://www.emis.de>.
- 1999-2006 chairman of the ‘Committee for electronic information and communication’ (CEIC) of the International Mathematical Union: <https://www.mathunion.org/ceic>
- Many years associate editor of 10 international mathematical journals: <https://www.mat.univie.ac.at/~michor/listpubl.html#editor>
- 17 doctoral-thesis advised, 85 mathematical descendants: <https://www.mat.univie.ac.at/~michor/thesis.html>
<https://www.mathgenealogy.org/id.php?id=58760>
- Retired since October 2010.
- **List of publications with all entries freely available:**
<https://www.mat.univie.ac.at/~michor/listpubl.html>, see also
<https://zbmath.org/authors/?q=ai%3Amichor.peter-w>
<https://mathscinet-ams-org.uaccess.univie.ac.at/mathscinet/search/author.html?mrauthid=124340>
https://scholar.google.de/citations?hl=de&user=yi4NrkgAAAAJ&view_op=list_works
- Orcid: <https://orcid.org/0000-0002-5279-248X>. Scopus ID: 6603956162.
- **Research projects:** <https://www.mat.univie.ac.at/~michor/fwf.html>
- Goldenes Doktordiplom der Fakultät für Mathematik der Universität Wien 2023.

- Dr. honoris causa der Masaryk Universität in Brunn, 25. April 2024,
<https://www.muni.cz/en/about-us/awards/3702>

My research began on the use of categorical methods in functional analysis, papers [1] – [7] and books [A] and [B] in the list of publications on my homepage. During a long visit of the University of Warwick (UK) I changed towards differential geometry. Functorial methods remained central, as seen in the book [F]. I also worked on differential geometry in infinite dimensions; central to this is the easily applicable but with subtle functional analytic foundations ‘Convenient Calculus’ on locally convex vector spaces as described in the book [G] and in https://en.wikipedia.org/wiki/Convenient_vector_space. The resulting theory found applications in ‘Shape spaces’, image processing, and ‘computational anatomy’ https://en.wikipedia.org/wiki/Computational_anatomy.

Lately I also coworked on the historical book [K] *Mathematik in Österreich und die NS-Zeit. 176 Kurzbiographien*. Springer Verlag 2023.