Curriculum vitae

1. **1976-1981** Charles University, Faculty of Mathematics and Physics,
   1981 RNDr degree
   1986 CSc degree (= PhD)
   1996 Habilitation (Docent = Associated Professor)
   Employment: 1986 - present Department of Mathematics, Faculty of
   Electrical Engineering CVUT, Prague

2. Invited talks:
   1988 University of Helsinki, University of Jyväskylä - Finland,
   University of Göteborg - Sweden
   1992 University of Paris VI - France,
   Kepler University of Linz - Austria,
   Workshop in Banach spaces, Spetses - Greece,
   University College London, Great Britain
   Oxford University, Great Britain
   1993 University of Sussex, Great Britain
   2003 Technion, Haifa, Israel
   2007 Warwick University, Great Britain
   2012 Birmingham University, Great Britain

3. Lectures at conferences: Real Functions and Measure Theory: Capri
   1988,
   Capri 1990,
   Ischia 1994,
   Grado 2000,
   Ischia 2002,
   Ischia 2006
   Winter School in Abstract Analysis: Strobl 1992, Benešova Hora 1996,
   Rohanov 2000, Rohanov 2002, Rohanov 2004,
   KK Analysis Seminar, Kaltenberg, Austria 2007

4. Grants:

   - GAČR 201/94/0069 (1994-1996) Geometrical and topological propreties of Banach spaces abd their application in nonlinear functional analysis.

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- GAČR 201/98/1153 (1998-2000) Determination of measures and construction of measure with prescribed properties.
- GAČR 201/04/0090 (2004-2006) Geometric analysis in Banach spaces II.
- GAČR 201/07/0394 (2007-2009) Infinte dimensional analysis.
- GAČR 201/11/0345 (2011-2015) Nonlinear functional analysis.

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8. L. Mejlbro, D. Preiss, J. Tišer, *Positivity principles in geometric measure theory*, Suppl. Rend. Circ. Mat. Palermo **28**(1992), pp. 163–167

9. D. Preiss, J. Tišer, *Points of non-differentiability of typical Lipschitz functions*, Real Anal. Exchange **20**(1994/95), No 1, pp. 219–226

10. D. Preiss, J. Tišer, *Two unexpected examples concerning differentiability of Lipschitz functions on Banach spaces*, Operator Theory: Advances and Applications vol.**77**, Geometric Aspects of Functional Analysis, Israel seminar (GAFA), J. Lindenstrauss, V. Milman (Eds), Birkhäuser Verlag 1995, pp. 219–238

11. J. Gregor, J. Tišer, *On convex combinations of Hurwitz polynomials*, Appl. Math. and Comp. Sci. **6**(1996), No 1, pp 33–47

12. J. Hamhalter, J Tišer, *Integrální počet funkcí více proměnných*, skripta ČVUT, 1996

13. D. Preiss, J. Tišer, *Positivity principle for more concentrated measures*, Math. Scandinavica 81(1997), 236–246

14. J. Hamhalter, J Tišer, *Diferenciální počet funkcí více proměnných*, skripta ČVUT, 1997

15. J. Gregor, J. Tišer, *On Hadamard powers of polynomials*, Math. Control Signal Systems **11**(1998), 372–378

16. J. Hamhalter, J Tišer, *Funkce komplexní proměnné*, skripta ČVUT, 2001

17. J. Tišer, *Vitali Covering Theorem in Hilbert Space*, Trans. Amer. Math. Soc. **355** (2003), 3277–3289,

18. J. Tišer, *Generalized σ-porous set with small complement*, Abstract and Appl. Analysis 2005:5, 535–541

19. M. Csörnyei, D. Preiss, J. Tišer, *Lipschitz functions with unexpectedly large sets of nondifferentiability points*, Abstract and Appl. Analysis 2005:4, 361–373.

20. J. Lindenstrauss, D. Preiss, J. Tišer, *Fréchet differentiability of Lipschitz maps and porous sets in Banach spaces*, Banach Spaces and Their Applications in Analysis, de Gruyter-Berlin-New York, 2007, 111–123,

21. J. Lindenstrauss, D. Preiss, J. Tišer, *How small are σ-porous sets and why are we interested in it*, Real Analysis Exchange, 31st Summer symposium conference, 2008, 105-119

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25. J. Tišer, L. Zajíček, *A criterion of Gamma-nullness and differentiability of convex and quasiconvex functions*, Studia Mathematica 227(2), (2015), 149-164

26. D. Preiss, E. Riss, J. Tišer, *A set of positive Gaussian measure with uniformly zero density everywhere*, Jour. European Math. Soc. 23(7), (2021), 2439-2466