

## Curriculum Vitae of RNDr. Stanislav Kamba, CSc., DSc.

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Researcher ID: G-5332-2014



1961 - November 21, born in Strakonice, Czech Republic

1985 - graduated from the Faculty of Mathematics and Physics, Charles University, Prague, field of study - solid state physics

1985 - 1986 - military service

since 1985 - Institute of Physics, Academy of Sciences of the Czech Republic, Prague

1987 - 1991 – Ph.D. study

1992 – defence of the Ph.D. thesis: Study of the lattice dynamics in strongly anharmonic dielectrics and high  $T_c$  superconductors.

1998-2000 member of Scientific Council at Institute of Physics

since 2003 senior scientist (**head of the group of phonon and dielectric spectroscopy**)

2007-2010 member of the Committee in the Czech Science Foundation.

since 2009 member of the Committee of doctoral student program at the Faculty of Mathematics and Physics, Charles university.

2013: Publication chair at Joint UFFC, EFTF and PFM Symposium in Prague (2000 participants).

since 2017 member of the Council of the Institute of Physics of the Czech Academy of Sciences

2021: DSc. (Research Professor) habilitation: Soft-mode spectroscopy of ferroelectrics and multiferroics

Member of advisory board of the following international conferences:

1. MMA = Microwave Materials and Applications
2. Electroceramics
3. ICTAM-AMF = International Conference on Technologically Advanced Materials & Asian Meeting on Ferroelectricity.
4. LEES = Low-energy Electrodynamics of Solids

Supervisor of 3 bachelor's, 2 diploma and 3 Ph.D. thesis. Currently supervisor of 4 Ph.D. students.

### Longer scientific stays:

1988 – 6 weeks in Institute of General Physics RAV, Moscow (Prof. Kozlov and Prof. Volkov, submillimetre measurements of dipolar glasses).

1992 - 8 months at ETH Zürich, Switzerland (Prof. Wachter - study of the systems with heavy fermions)

1993 - 1995 - 18 months at the University of Würzburg, Germany (Prof. Schaack) - Alexander von Humboldt Fellowship (High pressure infrared, Raman and dielectric studies of the phase transitions in tartrates)

In 1990 awarded a *Prize of the Czechoslovak Academy of Sciences* on „The best scientific work of the young physicist in the Institute of Physics“.

In 1991 awarded a *Prize of the Czechoslovak Spectroscopic Society* on „The best spectroscopic work in the year 1991“.

**Research topics:** Dielectric spectroscopy from 10 mHz to 150 THz, microwave, infrared, THz and Raman spectroscopy, phonons, magnons and electromagnons, inelastic neutron scattering on phonons and magnons, dynamics of structural, ferroelectric and magnetic phase transitions, soft modes, microwave ceramics, strain control of ferroelectric and magnetic phase transitions in thin films, spin-phonon coupling, magnetic and magnetoelectric properties of multiferroics, study of static and dynamic magnetoelectric coupling in multiferroics.

**Author and co-author of more than 258 scientific publications** in impacted journals and six chapters in the books. **More than 6300 citations** without self-citations. **h-index 43**.

Since 2006, **59 invited lectures** presented at the top international conferences.

Since 1996 **principal investigator** of three projects of the Grant Agency of Academy of Sciences, six projects of the Czech Science Foundation, one project of Ministry of Trade and Industry and three projects of Ministry of Education, Youth and Sports.