

Curriculum Vitae

Mgr. Jan Pokorný, Ph.D.

- Born on 5th April 1968 in Czechoslovakia.
- 1992 – M.Sc. degree in physics, Charles University, Faculty of Mathematics and Physics, Praha; thesis title: Dielectric properties of semi-insulating semiconductors
- 2007 – Ph.D. degree in solid state engineering, Czech Technical University, Faculty of Nuclear Sciences and Physical Engineering; thesis title: Raman Spectroscopy on Selected Ferroelectric Perovskite Materials
- 1993–1998 – Institute of Physics, Czech Academy of Sciences.
- 1998–1999 – Conscripted to the army, Department of Information Technologies, Ministry of Defence of the Czech Republic (9 months; specialist on information technologies).
- 1999–2008 – Institute of Physics CAS.
- 2008–2011 – Department of Materials Science and Engineering, The University of Sheffield; secondment from the Institute of Physics CAS.
- 2012–2014 – Visiting Researcher at The University of Sheffield.
- Since 2012 – Institute of Physics CAS.

Publication output

- 90 papers published in referred, 5 papers in non-referred journals and 1 book chapter
- 3055 citations (2776 without self-citations) according to Web of Science, *h*-index value of 27

Previous project

- Ferroelectric properties of biological structures, project GA CR 16-12757S (2016–2019) – coordinator

Running project

- Dynamics of water next to solid-state surfaces and polymers, project MSCA–ERA 101130758 (2023-2025) – supervisor

Conferences organised by Jan Pokorný (selection)

Jan Pokorný has co-organised 15 international conferences of various sizes.

- ISAF–ECAPD–PFM 2012, Aveiro, Portugal, 9–13 July 2012 – guest editor of a special ISAF issue of *Ferroelectrics* (DOI: [10.1080/00150193.2013.832089](https://doi.org/10.1080/00150193.2013.832089)).
- IEEE–UFFC 2013 Joint Symposia, Prague, Czech Republic, 21–25 July 2013 (<http://ieec2013.fzu.cz/>; approx. 2000 participants from 50 countries) – local organizing committee, IT chair.
- International Workshop on Relaxor Ferroelectrics (IWRF), Štířín, Czech Republic, 12–16 October 2014 (<http://palata.fzu.cz/iwrf14/>; 90 participants from 20 countries) – organizing committee, webmaster.
- International Workshop on Topological Structures in Ferroic Materials (TOPO 2019), Průhonice, Czech Republic, 16–20 June 2019 (<http://palata.fzu.cz/topo2019/>; 84 participants from 18 countries) – organizing committee, webmaster.
- XXIV Czech–Polish seminar, Structural and ferroelectric phase transitions, Harrachov, Czech Republic, 23–27 May 2022 (<http://palata.fzu.cz/cpsem/>; 95 participants from 10 countries) – organizing committee, webmaster.

Computer skills

Programming in C++, Visual Basic, SQL databases, web applications (PHP–MySQL).
Development of software tools for numerical treatment of spectroscopic data.

Languages

English (fluently), Russian (fluently), French (partial knowledge), German (passively), Czech (mother tongue).

Activities related to the project within the last 5 years

- Lattice dynamics in a broad range of dielectric materials.
- Characterization of ferroelectric and piezoelectric functional materials.
- Characterisation of water dynamics at solid surfaces.
- Physical phenomena in biological structures.
- Development of Raman spectroscopy techniques.