

**Personal data**

*Family name:* Kolínský  
*First name:* Petr  
*Nick name:* Ferro  
*Date of birth:* 1977, December 7  
*Nationality:* Czech  
*Address:* Vrcov 85, Borovany, 373 12, Czech Republic  
*E-mail:* petr.kolinsky@volny.cz; petr.kolinsky@ig.cas.cz  
*Mobile telephone No.:* +420 777 213 954  
*Mother tongue:* Czech  
*Other languages:* English – fluent  
 German – basic knowledge  
 Russian – basic knowledge  
 Latin – 5 years of studying, basic knowledge  
*Driving license and experience:* A, B, C, E, T (trucks and trailers available)  
*Computer skills:* Windows, Linux, macOS, coding in Pascal (Delphi, Lazarus), Fortran, C++, Matlab, Python/ObsPy, html, JavaScript, graphical software, seismic data processing, Seismic Unix, software application development

**Education**

*University education:*  
 2004 – 2010 - Charles University (Prague), Faculty of Mathematics and Physics, Department of Geophysics - seismology / Ph.D. thesis: "Surface Wave Analysis and Inversion – Application to the Bohemian Massif"  
 1997 – 2003 - Charles University (Prague), Faculty of Mathematics and Physics, Department of Geophysics - seismology / Mgr. diploma thesis: "Dispersion of Seismic Surface Waves Along Selected Eurasian Paths"  
*High school education:*  
 1998 – 2004 - Jaroslav Ježek Conservatory and Higher Specialized School (Prague) / Konzervatoř a vyšší odborná škola Jaroslava Ježka – classical and jazz piano (dipl. um. degree)  
 1990 – 1997 - First Private High School (Prague) / První obnovené reálné gymnázium - PORG  
*Other education:*  
 1984 – 1998 - lessons of playing the piano at music schools in Prague

**Jobs**

*Employment:*  
 2022 – now - Institute of Geophysics, Czech Academy of Sciences, Prague  
 - member of the LITHOS team  
 - AdriaArray seismic network coordinator  
 - Czech Science Foundation project: Recognition of remote velocity anomalies in the upper mantle, 2023-2025  
 2015 – 2021 - postdoc / assistant professor at the Department of Meteorology and Geophysics, Faculty of Earth Sciences, Geography and Astronomy, University of Vienna  
 - AlpArray Austria project (installation, maintenance, data processing)  
 - surface waves (deterministic and ambient noise sources)  
 - frequency-time analysis, array beamforming  
 - teaching:  
 - "Geophysical Measurement" course (1<sup>st</sup> year of the Master Study "Geophysics")  
 - "Advanced Seismometry" course (2<sup>nd</sup> year of the Master Study "Geophysics")  
 - "Exploration Seismology" course (2<sup>nd</sup> year of the Master Study "Geophysics")  
 - taking part in "Structure of the Earth" course and "Physics of the Earth" seminar  
 2003 – 2014 - Department of Seismology (later Seismotectonics), Institute of Rock Structure and Mechanics (IRSM), Czech Academy of Sciences, Prague  
 - study of the Earth crust  
 - surface waves  
 - small aperture arrays  
 - rotational components of seismic waves (Rotaphone development, S-wave

generator development)  
 - seismic hazard assessment  
 - groundwater level variations  
 - seismic station deployment (Guralp, Streckeisen STS-2 and STS-2.5, Lennartz, RefTek, RUP, Gaia)  
 - software development (frequency time analysis, array analysis)  
 - principal researcher of two grant projects by the Czech Science Foundation  
 - deputy head of the Department of Seismotectonics

2012 – 2014

*Other:*

2014 - consultant for Sihaya, s.r.o. (shallow geophysical survey)  
 2010 - consultant for MicroSeismic Inc. (OMV project in the Vienna Basin, Austria)  
 1999 – 2010 - preparing outdoor activities  
 - trade certificates:  
 - research and development in natural, technical or social sciences  
 - testing, measurements, analyses and verification  
 - trade and services intermediation

**References, teaching, conferences, outreach, service, projects:**

*papers:*

Publons (Web of Science) h-index: 9  
 Scopus h-index: 12  
 GoogleScholar h-index: 12  
 ORCID: <https://orcid.org/0000-0003-3573-8497>

- Qorbani, E., **Kolínský, P.**, Bianchi, I., Zigone, D. and Bokelmann, G., 2022: Upper crustal structure at the KTB drilling site from ambient noise tomography, *Geophysical Journal International*, 231, 982-995.
- Hein, G., **Kolínský, P.**, Bianchi, I., Bokelmann, G. and the AlpArray Working Group, **2021**: Shear-wave splitting in the Alpine region, *Geophysical Journal International*, 227, 1996-2015.
- **Kolínský, P.**, Bokelmann, G. and the AlpArray Working Group, **2021**: On the wobbles of phase-velocity dispersion curves, *Geophysical Journal International*, 224, 1477-1504.
- Belinić, T., **Kolínský, P.**, Stipčević, J. and the AlpArray Working Group, **2021**: Shear-wave velocity structure beneath the Dinarides from the inversion of Rayleigh-wave dispersion, *Earth and Planetary Science Letters*, 555, 116686.
- **Kolínský, P.**, Schneider, F. M. and Bokelmann, G., **2020**: Surface wave diffraction pattern recorded on AlpArray: Cameroon Volcanic Line case study, *Journal of Geophysical Research: Solid Earth*, 125, e2019JB019102.
- Lukešová, R., Fotíková, L., Málek, J. and **Kolínský, P.**, **2019**: Seismic waves velocities inferred from the surface waves dispersion in the Malé Karpaty Mountains, Slovakia, *Acta Geodyn. Geomater.*, 16, 4(196), 451-464.
- Fuchs, F., Schneider, F., **Kolínský, P.**, Serafin, S. and Bokelmann, G., **2019**: Rich observations of local and regional infrasound phases made by the AlpArray seismic network after refinery explosion, *Scientific Reports*, 9, 13027.
- **Kolínský, P.**, Bokelmann, G. and the AlpArray Working Group, **2019**: Arrival angles of teleseismic fundamental mode Rayleigh waves across the AlpArray, *Geophysical Journal International*, 218, 114-144.
- Schneider, F. M., Fuchs, F., **Kolínský, P.**, Caffagni, E., Serafin, S., Dorninger, M., Bokelmann, G. and the AlpArray Working Group, **2018**: Seismo-acoustic signals of the Baumgarten (Austria) gas explosion detected by the AlpArray seismic network, *Earth and Planetary Science Letters*, Vol. 502, 104-114.
- Fuchs, F., **Kolínský, P.**, Gröschl, G., Bokelmann, G. and the AlpArray Working Group, **2016**: AlpArray in Austria and Slovakia: technical realization, site description and noise characterization, *Advances in Geosciences*, Vol. 43, 1-13.
- Fuchs, F., **Kolínský, P.**, Gröschl, G., Apoloner, M.-T., Qorbani, E., Schneider, F. and Bokelmann, G., **2015**: Site selection for a countrywide temporary network in Austria: noise analysis and preliminary performance, *Advances in Geosciences*, Vol. 41, 25-33.
- Gaždová, R., **Kolínský, P.**, Vilhelm, J. and Valenta, J., **2015**: Combining surface waves and common methods for shallow geophysical survey, *Near Surface Geophysics*, Vol. 12, 19-32.
- **Kolínský, P.**, Valenta, J. and Málek, J., **2014**: Velocity model of the Hronov-Poříčí Fault Zone from Rayleigh wave dispersion, *Journal of Seismology*, Vol. 18, 617-635.
- Brokešová, J., Málek, J. and **Kolínský, P.**, **2012**: Rotaphone, a mechanical seismic sensor system for field rotation rate measurements and its in situ calibration, *Journal of Seismology*, Vol. 16, Issue 4, 603-621.
- **Kolínský, P.**, Valenta, J., Gaždová, R., **2012**: Seismicity, groundwater level variations and Earth tides in the Hronov-Poříčí Fault Zone, Czech Republic, *Acta Geodyn. Geomater.*, Vol. 9, No. 2 (166), 191-209.

- Gaždová, R., Novotný, O., Málek, J., Valenta, J., Brož, M. and **Kolínský, P.**, **2011**: Groundwater level variations in the seismically active region of Western Bohemia in the years 2005–2010, *Acta Geodyn. Geomater.*, Vol. 8, No. 1 (161), 17-27.
- **Kolínský, P.**, Málek, J. and Brokešová, J., **2011**: Shear wave crustal velocity model of the western Bohemian Massif from Love wave phase velocity dispersion, *Journal of Seismology*, 15, 81-104, DOI: 10.1007/s10950-010-9209-4.
- Gaždová, R., **Kolínský, P.**, Popova, I. and Dimitrova, L., **2011**: Surface wave phase velocities between Bulgaria and the Czech Republic, *Exploration geophysics, remote sensing and environment*, 2011/2, 16-23.
- Skácelová, Z., Rappich, V., Valenta, J., Hartvich, F., Šrámek, J., Radoň, M., Gaždová, R., Nováková, L., **Kolínský, P.** and Pécskay, Z., **2010**: Geophysical research on structure of partly eroded maar volcanoes: Miocene Hnojnice and Oligocene Rychnov volcanoes (northern Czech Republic), *Journal of Geosciences*, 55, DOI: 10.3190/jgeosci.072, 299-311.
- Gaždová, R., **Kolínský, P.**, Málek, J. and Vilhelm, J., **2008**: Shear wave velocities inferred from surface wave dispersion beneath the Příbram array in the Czech Republic, *Acta Geodyn. Geomater.*, Vol. 5 (151), 247–255.
- **Kolínský, P.** and Brokešová, J., **2008**: The Western Bohemia uppermost crust Rayleigh wave tomography, *Acta Geodyn. Geomater.*, Vol. 5, No. 1, (149), 5-17.
- Wilde-Piórko, M., Geissler, W. H., Plomerová, J., Grad, M., Babuška, V., Brückl, E., Cyziene, J., Czuba, W., England, R., Gaczyński, E., Gaždová, R., Gregersen, S., Guterch, A., Hanka, W., Hegedüs, E., Heuer, B., Jedlička, P., Lazauskienė, J., Keller, G. R., Kind, R., Kluge, K., **Kolínský, P.**, Komminaho, K., Kozlovskaya, E., Krüger, F., Larsen, T., Majdański, M., Málek, J., Motuza, G., Novotný, O., Pietrasiak, R., Plenefisch, T., Růžek, B., Sliampa, S., Šroda, P., Świeczak, M., Tiira, T., Voss, P., Wiejacz, P., **2008**: PASSEQ 2006-2008: Passive seismic experiment in Trans-Europe Suture Zone, *Studia geophysica et geodaetica.*, Vol. 52, No. 3, 439-448.
- **Kolínský, P.** and Brokešová, J., **2007**: The Western Bohemia uppermost crust shear wave velocities from Love wave dispersion, *Journal of Seismology*, 11, 101-120.
- Málek, J., **Kolínský, P.**, Štrunc, J. and Valenta, J., **2007**: Generalized average of signals (GAS) - a new method for detection of very weak waves in seismograms, *Acta Geodyn. Geomater.*, Vol. 4, (147), 5-10.
- **Kolínský, P.**: **2005**, Seismic velocity model in the vicinity of Eger Rift from dispersion of surface waves, Final report about the Internal start project of the Grant Agency of the Academy of Sciences of the Czech Republic, *Acta Research Reports*, No. 14, 67 - 71.
- **Kolínský, P.**, **2004**: Surface wave dispersion curves of Eurasian earthquakes: the SVAL program, *Acta Geodyn. Geomater.*, Vol. 1, No. 2 (134), 165–185.

patent:

- Grechka, V., **Kolínský, P.**, Eisner, L., Duncan, P. M. and Thornton, M. P., **2010**: Determining method for determining effective seismic anisotropy of sub-surface rock formations involves storing or displaying seismic anisotropy parameters after inverting shear wave and compressional wave arrival times, Patent No. US2010238765-A1, 23 September 2010.

theses:

- **Kolínský, P.**, **2010**: Surface wave analysis and inversion – application to the Bohemian Massif, *PhD thesis*, Department of Geophysics, Faculty of Mathematics and Physics, Charles University, Prague.
- **Kolínský, P.**, **2003**: Dispersion of seismic surface waves along selected Eurasian paths. *Diploma thesis*, Department of Geophysics, Faculty of Mathematics and Physics, Charles University, Prague, in Czech. (Disperze povrchových seismických vln podél vybraných euroasijských tras. *Diplomová práce*, KG MFF UK, Praha, česky.)
- **Kolínský, P.**, **2004**: Music and physics: A consilient point of view, Jaroslav Ježek Conservatory and Higher Specialized School, Prague, defended in 2004 (in Czech). (Hudba a fyzika: konsilientní pohled na obory, Konzervatoř a vyšší odborná škola Jaroslava Ježka, Praha, česky).

teaching (2015 – 2020):

- **Geophysical Measurement** course, 1<sup>st</sup> year of Joint Master Programme “Physics of the Earth (Geophysics)”, University of Vienna and Comenius University in Bratislava; including **Excursion Geophysical Measurement**
- **Advanced seismometry** course, 2<sup>nd</sup> year of Joint Master Programme as above
- **Seismic Exploration** course (lecture and exercise), 2<sup>nd</sup> year of Joint Master Programme as above; including **Exercises to Seismic Exploration**
- taking part in **Structure of the Earth** course and **Physics of the Earth** seminar

supervision:

- MSc thesis by Galina Simeonova (University of Vienna + Comenius University in Bratislava), “Upper mantle structure beneath wider Vienna Basin from array analysis of surface waves”; the thesis won the Vlastislav Červený Student Prize in 2021

#### *convening sessions and workshops:*

- convening and co-convening sessions on posters and on “Data access and data quality”, AdriaArray workshop **2023**, Dubrovnik, Croatia
- chairing the breakout session “AdriaArray update”, 6<sup>th</sup> Annual AlpArray & 4DMB Scientific Meeting **2022**, Prague, CZ
- chairing the breakout session “Seismic data and metadata quality control”, 2<sup>nd</sup> EPOS SP Workshop on AdriaArray – Seismology, **2022**, Potsdam, Germany
- convening the “AdriaArray splinter meeting”, EGU **2023**, co-conveners: Carlo Cauzzi, Thomas Meier
- co-convening the session at EGU **2023** “Alpine-Mediterranean mountain belts and basins from mantle to surface studied by seismic large-scale passive experiments”, convener: Claudia Piromallo
- co-convening the “AdriaArray splinter meeting”, EGU **2022**, conveners: Carlo Cauzzi, Thomas Meier
- co-chairing the session at EGU **2022** “Alpine-Mediterranean mountain belts and basins from mantle to surface”, convener: Claudia Piromallo
- co-convening the session at ESC **2016**: “Eastern Alpine seismological investigation: state of the art of the Alpine system from the Bohemian Massif to the Adriatic Sea”, Trieste, Italy, convener: Irene Bianchi

#### *community service:*

- since 2022 – chair of the ORFEUS User Advisory Group
- since 2022 – ex-officio member of the ORFEUS ExeCom
- since 2020 – member of the ORFEUS User Advisory Group
- since 2019 – coordinating the AdriaArray seismic network

#### *invited talks:*

- **Kolínský, P.**: AlpArray and AdriaArray large seismic experiments: organization, deployment, data and observed surface wave diffraction effects, Geophysik-Seminar, 12<sup>th</sup> June, **2023**, Universität Hamburg, Germany.
- **Kolínský, P.**, Bokelmann, G. and the AlpArray Working Group: Exploring the upper mantle using surface-wave diffraction, IAGA-IASPEI virtual conference, 24<sup>th</sup> August, **2021**, online.
- **Kolínský, P.** and the AlpArray Working Group: Surface waves: from smooth dispersion curves to wobbles and back, SAFT seminar, Kiel University, 22<sup>nd</sup> April, **2020**, online.
- **Kolínský, P.**, Gröschl, G., Bokelmann, G. and the AlpArray Working Group: Surface wave propagation across AlpArray, seminar at the Department of Geophysics, Faculty of Science, University of Zagreb, 21<sup>st</sup> February **2018**, Zagreb, Croatia.
- **Kolínský, P.**, **2016**: The AlpArray project and surface waves, seminar at the Institute of Physics of the Earth, Faculty of Science, Masaryk University, 5<sup>th</sup> October, **2016**, Brno, CZ.
- **Kolínský, P.**, **2012**: Array approach for studying surface wave true propagation paths and estimating local structures, seminar at SED, ETH, 6<sup>th</sup> December, 2012, Zürich, Switzerland.
- **Kolínský, P.**, **2011**: Vznik, měření, zpracování a interpretace povrchových seismických vln (Origin, measurement, processing and interpretation of seismic surface waves), lecture at the Faculty of Science, Charles University in Prague.

#### *outreach:*

- **Kolínský, P.**: Co nám zemětřesení říkají o Zemi? (What are earthquakes telling us about the Earth?), Week of the Czech Academy of Sciences, October **2023**, Prague, CZ.
- **Kolínský, P.**: What are earthquakes telling us, Sofia Science Festival, May 13<sup>th</sup>, **2023**, Sofia, Bulgaria.
- **Kolínský, P.**, **2013**: Velká zemětřesení: co víme a co bychom ještě rádi věděli (Great earthquakes: What we know and what else we would like to know), Week of Science festival, Prague, CZ.
- **Kolínský, P.**, **2010**: Velká zemětřesení: co víme a co bychom ještě rádi věděli (Great earthquakes: What we know and what else we would like to know), Week of Science festival, Prague, CZ.
- other talks in schools

#### *conference contributions:*

- Cauzzi, C., Clinton, J., Crawford, W., Custódio, S., D'Amico, S., Evangelidis, C., Haberland, C., F., Kiratzi, A., **Kolínský, P.**, Luzi, L., Roumelioti, Z., Schaeffer, J., Sigloch, K., Sleeman, R., Strollo, A., **2024**: Overview of ORFEUS data services and activities to integrate access to seismic waveform data in the Euro-Mediterranean region, poster, 18<sup>th</sup> World Conference on Earthquake Engineering (WCEE2024), Milan, Italy.
- Meier, T., **Kolínský, P.** and the AdriaArray Seismology Group, **2023**: AdriaArray Seismic Network – status in September 2023, poster, AG Seismologie 2023, Freiburg im Breisgau, Germany.
- Meier, T., **Kolínský, P.** and the AdriaArray Seismology Group, **2023**: AdriaArray Seismic Network – status in June 2023, poster, 28<sup>th</sup> IUGG General Assembly, Berlin, Germany.
- Cauzzi, C., Bieňkowski, J., Crawford, W., Custódio, S., D'Amico, S., Evangelidis, C., Haberland, C., Haslinger, F., Kiratzi, A., **Kolínský, P.**, Clinton, J., Roumelioti, Z., Sigloch, K., Sleeman, R., Strollo, A., **2023**: Overview of

ORFEUS data services and activities to integrate access to seismic waveform data in the Euro-Mediterranean region, poster, 28<sup>th</sup> IUGG General Assembly, Berlin, Germany.

- Cauzzi, C., Bieńkowski, J., Crawford, W., Custódio, S., D'Amico, S., Evangelidis, C., Haberland, C., Haslinger, F., Kiratzi, A., **Kolínský, P.**, Lanzano, G., Roumelioti, Z., Sigloch, K., Sleeman, R., Strollo, A., **2023**: Coordinating access to seismic waveform data in the Euro-Mediterranean region: Orfeus actions, data services and products, poster, SSA Annual conference, Puerto Rico.
- Cauzzi, C., Bieńkowski, J., Crawford, W., Custódio, S., D'Amico, S., Evangelidis, C., Haberland, C., Haslinger, F., Kiratzi, A., **Kolínský, P.**, Lanzano, G., Roumelioti, Z., Sigloch, K., Sleeman, R., and Strollo, A., **2023**: ORFEUS data services, products and actions to coordinate access to seismic waveform data in the Euro-Mediterranean region, poster, EGU General Assembly 2023, Vienna.
- **Kolínský, P.**, Meier, T., and AdriaArray Seismology Group, **2023**: AdriaArray Seismic Network – status in April 2023, poster, EGU General Assembly, Vienna.
- **Kolínský, P.**, Meier, T., and the AdriaArray Seismology Group, **2023**: AdriaArray Seismic Network – status in March 2023, poster, 83. Jahrestagung der Deutschen Geophysikalischen Gesellschaft, 5. - 9. March 2023, Bremen, Germany.
- **Kolínský, P.**, Meier, T., and AdriaArray Seismic Network Working Group, **2022**: Status and Implementation of the AdriaArray Seismic Network, talk, EGU General Assembly, Vienna.
- Qorbani, E., Bianchi, I., **Kolínský, P.**, Zigone, D. and Bokelmann, G., **2021**: Upper crustal structure at the KTB drilling site from ambient noise tomography, (onlinetalk by E. Q.) CTBTO SnT Conference.
- Bokelmann, G., Hein, G., **Kolínský, P.**, Bianchi, I. and the AlpArray Working Group, **2021**: Shear-Wave Splitting in the Alpine Region, (online talk by G. B.), EGU General Assembly.
- Qorbani, E., Bianchi, I., **Kolínský, P.**, Zigone, D, and Bokelmann, G., **2021**: Upper crustal structure at the KTB drilling site from ambient noise tomography, (online talk by E. Q.), EGU General Assembly.
- Schneider, F., **Kolínský, P.** and Bokelmann, G., **2021**: Finite-frequency effects for imaging underground cavities, (online talk by F. S.), EGU General Assembly.
- Stipčević, J., Belinić, T., **Kolínský, P.**, Herak, M., Molinari, I. and Dasović, I., **2021**: Adria microplate fragmentation: geophysical perspective, (online talk by J. S.), EGU General Assembly.
- **Kolínský, P.**, Belinić, T., Stipčević, J., Bianchi, I., Fuchs, F., Bokelmann, G. and the AlpArray Working Group, **2020**: Upper mantle structure beneath the Dinarides and the Alps from surface wave tomography, (online talk), EGU General Assembly.
- Qorbani, E., Bianchi, I., **Kolínský, P.**, Zigone, D. and Bokelmann, G., **2020**: Upper crustal structure at the KTB drilling site from ambient noise tomography, oral presentation by E.Q. (online talk by E. Q.), EGU General Assembly.
- **Kolínský, P.**, Schneider, F. M., Bokelmann, G. and the AlpArray Working Group, **2019**: Upper mantle imaging with surface wave diffraction: AlpArray seismic network and the Cameroon Volcanic Line, poster, CTBTO SnT Conference, Vienna.
- Qorbani, E., Bianchi, I., **Kolínský, P.**, Zigone, D. and Bokelmann, G., **2019**: Upper crustal structure at the KTB drilling site from ambient noise tomography, poster, CTBTO SnT Conference, Vienna.
- Fuchs, F., Schneider, F., **Kolínský, P.**, Serfain, S., Bokelmann, G. and the AlpArray Working Group, **2019**: Complex propagation of explosion-generated infrasound revealed by the large-scale AlpArray seismic network, oral presentation by F.F., CTBTO SnT Conference, Vienna.
- **Kolínský, P.**, Bokelmann, G. and the AlpArray Working Group, **2019**: Upper mantle imaging with AlpArray surface wave diffraction: The Cameroon Volcanic Line, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 21, 9581, Vienna, Austria.
- Belinić, T., **Kolínský, P.** and Stipčević, J., **2019**: Shear-wave velocity structure beneath the Dinarides from the inversion of Rayleigh-wave dispersion, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 21, 13775, Vienna, Austria.
- Qorbani, E., Bianchi, I., Zigone, D., **Kolínský, P.** and Bokelmann, G., **2019**: Upper crustal structure at the KTB drilling site from ambient noise tomography, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 21, 10430, Vienna, Austria.
- Fuchs, F., Schneider, F., **Kolínský, P.**, Serafin, S., Bokelmann, G. and the AlpArray Working Group, **2019**: Complex propagation of explosion-generated infrasound revealed by the large-scale AlpArray seismic network, oral presentation by F.F., EGU General Assembly, Geophysical Research Abstracts, Vol. 21, 2310, Vienna, Austria.
- **Kolínský, P.**, Gröschl, G., Bokelmann, G. and the AlpArray Working Group, **2018**: Mapping the diffraction patterns of surface waves by AlpArray, oral presentation, ESC General Assembly, Valletta, Malta.
- Schneider, F., Fuchs, F., **Kolínský, P.**, Caffagni, E., Serafin, S., Dorninger, M., Bokelmann, G. and the AlpArray Working Group, **2018**: Seismo-acoustic signals of the Baumgarten (Austria) gas explosion detected by the AlpArray seismic network, oral presentation by F.F., ESC General Assembly, Valletta, Malta.
- Belinić, T., **Kolínský, P.** and Stipčević, J., **2018**: Surface wave dispersion measurement in the Dinarides, poster, ESC General Assembly, Valletta, Malta.

- **Kolínský, P.**, Gröschl, G., Fuchs, F., Bokelmann, G. and AlpArray Working Group, **2018**: Global upper mantle heterogeneities observed by AlpArray, oral presentation, EGU General Assembly, Geophysical Research Abstracts, Vol. 20, 8802, Vienna, Austria.
- **Kolínský, P.**, Gröschl, G., Fuchs, F., Bokelmann, G. and AlpArray Working Group, **2018**: Phase velocities and azimuthal deviations of teleseismic surface waves across AlpArray, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 20, 8589, Vienna, Austria.
- Gröschl, G., **Kolínský, P.**, Fuchs, F., Bokelmann, G. and AlpArray Working Group, **2018**: AlpArray 2016 & 2017: Data quality analysis as part of surface wave investigation, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 20, 8476, Vienna, Austria.
- Schneider, F. M., Fuchs, F., **Kolínský, P.**, Caffagni, E., Dorninger, M., Serafin, S., Bokelmann, G. and AlpArray Working Group, **2018**: Seismo-acoustic signals of the Baumgarten (Austria) gas explosion detected by the AlpArray seismic network, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 20, 7903, Vienna, Austria.
- **Kolínský, P.**, Fuchs, F., Gröschl, G., Bokelmann, G. and AlpArray Working Group, **2017**: Off-great-circle propagation of teleseismic surface waves across AlpArray, oral presentation, EGU General Assembly, Geophysical Research Abstracts, Vol. 19, 14209, Vienna, Austria.
- **Kolínský, P.**, Fuchs, F., Bokelmann, G. and AlpArray Working Group, **2016**: AlpArray transfer functions and true backazimuths of surface waves measured by two independent methods, Czech-Slovak Seismological Days, oral presentation, Stará Lesná, Slovakia.
- **Kolínský, P.**, Fuchs, F., Bokelmann, G. and AlpArray Working Group, **2016**: True backazimuths of surface waves from teleseismic earthquakes across AlpArray Austria measured by two independent methods, ESC General Assembly, oral presentation, Trieste, Italy.
- **Kolínský, P.**, Schippkus, S., Zigone, D., Fuchs, F., Bianchi, I., Qorbani, E., Apoloner, M. T., Bokelmann, G. and AlpArray-EASI Working Group, **2016**: Group and phase velocities from deterministic and ambient sources measured during the AlpArray-EASI experiment, EGU General Assembly, poster, Geophysical Research Abstracts, Vol. 18, 8180, Vienna, Austria.
- **Kolínský, P.**, Fuchs, F., Gröschl, G., Bokelmann, G. and AlpArray Working Group, **2016**: True propagation paths of surface waves from regional and teleseismic earthquakes across AlpArray, EGU General Assembly, poster, Geophysical Research Abstracts, Vol. 18, 7997, Vienna, Austria.
- Zigone, D., Fuchs, F., **Kolínský, P.**, Gröschl, G., Apoloner, M.-T., Qorbani, E., Schippkus, S., Löberich, E., Bokelmann, G. and the AlpArray Working Group, **2016**: Seismic tomography around the Eastern edge of the Alps from ambient-noise-based Rayleigh waves, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 18, 13547, Vienna, Austria.
- Fuchs, F., **Kolínský, P.**, Gröschl, G., Bokelmann, G. and the AlpArray Working Group, **2016**: AlpArray Austria & Slovakia: Site description and noise characterization, poster, EGU General Assembly, Geophysical Research Abstracts, Vol. 18, 7393, Vienna, Austria.
- Qorbani, E., Zigone, D., **Kolínský, P.**, Fuchs, F., Bokelmann, G. and the AlpArray-EASI Working Group, **2016**: Seismic tomography and azimuthal anisotropy for the Southern and Eastern Alps from ambient noise cross-correlations, oral presentation by E. Q., EGU General Assembly, Geophysical Research Abstracts, Vol. 18, 8136, Vienna, Austria.
- Málek, J., Brokešová, J. and **Kolínský, P.**, **2015**: Small-aperture array translational and rotational seismograms from distant earthquakes - an example of Jan Mayen  $M_w$  6.8 of August 30, 2012 earthquake, EGU General Assembly, oral presentation by J. M., Geophysical Research Abstracts, Vol. 17, 9360, Vienna, Austria.
- **Kolínský, P.**, Valenta, J., Gaždová, R. and Málek, J., **2013**: Surface wave propagation imaging in Central Europe with implications for regional and local structure, oral presentation, AGU Fall Meeting, San Francisco, California, USA.
- Valenta, J., **Kolínský, P.** and Gaždová, R., **2013**: The Hronov-Poříčí Fault Zone (Central Europe) – five years of seismo-hydrological monitoring, poster, AGU Fall Meeting, San Francisco, California, USA.
- Brokešová, J., **Kolínský, P.** and Málek, J., **2013**: Comparative measurements of three-component seismic rotation rate from proximate blasts using three different methods: point sensors vs. small-aperture arrays, poster by P. K., 3<sup>rd</sup> Meeting of the International Working Group on Rotational Seismology, Christchurch, New Zealand.
- Málek, J., Brokešová, J. and **Kolínský, P.**, **2013**: Rotational wavefield from an anthropogenic S-wave source, oral presentation by Jiří Málek, 3<sup>rd</sup> Meeting of the International Working Group on Rotational Seismology, Christchurch, New Zealand.
- **Kolínský, P.**, **2012**: Multiple array approach for studying surface wave propagation and estimating local structures, oral presentation, 33<sup>rd</sup> General Assembly of the European Seismological Commission, Moscow, Russia.
- **Kolínský, P.**, Gaždová, R., Málek, J. and the PASSEQ working group, **2011**: Array analysis, mode identification and reflections of surface waves in Europe, poster, Seismological Society of America Annual Meeting, Memphis, Tennessee, USA.
- Málek, J., Brokešová, J. and **Kolínský, P.**, **2011**: Rotational seismic shear wave generator for seismic surveying, oral presentation by J. M., Seismological Society of America Annual Meeting, Memphis, Tennessee, USA.

- Gaždová, R., **Kolínský, P.** and Málek, J., **2010**: Propagation of surface waves from the Greek earthquakes across Europe, oral presentation by P. K., 32<sup>nd</sup> ESC General Assembly, Montpellier, France.
- **Kolínský, P.**, Gaždová, R., Popova, I. and Dimitrova, L., **2010**: Surface wave phase velocities between Bulgaria and the Czech Republic, poster presentation by R. G., 32<sup>nd</sup> ESC General Assembly, Montpellier, France.
- Brokešová, J., Málek, J. and **Kolínský, P.**, **2010**: Rotational seismic sensor system for field measurements and its in-situ calibration: application to Western Bohemia Region, poster presentation by J. B., 32<sup>nd</sup> ESC General Assembly, Montpellier, France.
- **Kolínský, P.**, Eisner, L., Grechka, V., Jurick, D. and Duncan, P., **2009**: Observation of shear-wave splitting from microseismicity induced by hydraulic fracturing – a non-VTI story, extended abstract, oral presentation, 71<sup>st</sup> EAGE Conference, Amsterdam, the Netherlands.
- Málek, J., **Kolínský, P.**, Novotný, O. and Gaždová, R., **2008**: Surface wave propagation through the Bohemian Massif – preliminary results from the PASSEQ experiment, oral presentation by J. M., 31<sup>st</sup> General Assembly of the European Seismological Commission, Hersonissos, Crete, Greece.
- Málek, J., **Kolínský, P.** and PASSEQ working group, **2008**: Propagation of surface waves from Kurile Islands earthquakes through Central Europe, poster presentation by J. M., Joint assembly of the American Geophysical Union, Fort Lauderdale, Florida, USA.
- **Kolínský, P.** and Málek, J., **2007**: Upper mantle of the Bohemian Massif (Central Europe) studied by surface waves from Kurile Islands M8.1 and M8.3 earthquakes, oral presentation, Fall meeting of the American Geophysical Union, San Francisco, California, USA.
- **Kolínský, P.** and Málek, J., **2007**: Shear wave crustal velocity model of the Western Bohemian Massif from Love wave phase velocity dispersion, poster, 16th Annual student conference - Week of doctoral students, Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic.
- **Kolínský, P.**, **2007**: Shear wave velocity structure estimation using surface waves of different wavelengths, oral presentation, New knowledge and measurements in seismology, engineering geophysics and geotechnics – OVA '06, Ostrava, Czech Republic.
- **Kolínský, P.** and Málek, J., **2006**: Crustal structure of the transition zone between the Saxothuringian, Teplá-Barrandian and Moldanubian units studied by the surface wave method, poster, First European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland.
- **Kolínský, P.**, **2005**: The uppermost Earth crust structure of Western Bohemia estimated from the dispersion of short-period Love waves, oral presentation, EGU meeting, Geophysical Research Abstracts, Vol. 7, 00563, Vienna, Austria.
- **Kolínský, P.**, **2004**: The Earth crust structure of NW Bohemia estimated from the dispersion of short-period surface waves, oral presentation, EGU meeting, Geophysical Research Abstracts, Vol. 6, 02618, Nice, France.

*seismological seminars and workshops:*

- **Kolínský, P.**, **2023**: Diffraction of surface waves, eikonal tomography, wavefield gradients and implications for structure of the crust and upper mantle, seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague, CZ.
- **Kolínský, P.**, **2023**: Surface wave diffraction: a new method of measurement, seminar at the Institute of Geophysics, 22<sup>nd</sup> November 2023, Prague, CZ.
- **Kolínský, P.** et al., **2023**: ORFEUS seen from its User Advisory Group, talk, EPOS Seismology Workshop, Podgorica, Montenegro.
- **Kolínský, P.**, Meier, T. and the AdriaArray Seismology Group, **2023**: Status of the AdriaArray seismic network in October 2023, poster, EPOS Seismology Workshop, Podgorica, Montenegro.
- Meier, T., **Kolínský, P.**, **2023**: AdriaArray: a passive seismic experiment to study plate deformation in the central Mediterranean, talk by T.M., EPOS Seismology Workshop, Podgorica, Montenegro.
- Meier, T., **Kolínský, P.** and the AdriaArray Seismology Group, **2023**: AdriaArray Seismic Network – status in September 2023, poster, 7<sup>th</sup> Annual AlpArray Scientific Meeting, Bad Hofgastein, Austria.
- **Kolínský, P.**, Kampfová-Exnerová, H., Vecsey, L., Jedlička, P. and Plomerová, J., **2023**: Spring 2023 mission to the MOBNET stations in the AdriaArray experiment, seminar at the Institute of Geophysics, Prague.
- **Kolínský, P.**, Meier, T., Stampa, J., Eckel, F., Vecsey, L., Legendre, C. and Neagoe, C., **2023**: Data availability & access, quality tests, AdriaArray workshop, Dubrovnik, Croatia.
- **Kolínský, P.**, Meier, T. and the AdriaArray Seismology Group, **2023**: Status of the AdriaArray Seismic Network, AdriaArray workshop, Dubrovnik, Croatia.
- **Kolínský, P.**, Meier, T. and the AdriaArray Seismology Group, **2022**: AdriaArray + Metadata issues, meeting of Institute of Geophysics, CAS and Geophysical Institute, SAS, Banská Bystrica, Slovakia.
- **Kolínský, P.**, Meier, T. and the AdriaArray Seismology Group, **2022**: AdriaArray Seismic Network status in October 2022, 6<sup>th</sup> Annual AlpArray & 4DMB Scientific Meeting, Prague, CZ.
- **Kolínský, P.**, Meier, T. and the AdriaArray Seismology Group, **2022**: AdriaArray Seismic Network status in October 2022, 2<sup>nd</sup> EPOS SP Workshop on AdriaArray – Seismology, Potsdam, Germany.
- Meier, T. and **Kolínský, P.**, **2022**: AdriaArray: a passive seismic experiment to study plate deformation in the central Mediterranean, 2<sup>nd</sup> EPOS SP Workshop on AdriaArray – Seismology, Potsdam, Germany.

- **Kolínský, P., 2022:** Exploring the upper mantle with surface-wave diffraction, introductory lecture, Institute of Geophysics, 28<sup>th</sup> April 2022, Prague, CZ.
- **Kolínský, P., Bokelmann G., and the AlpArray Working Group, 2019:** How the AlpArray helps us to better understand surface wave propagation, AlpArray & SPP 4D-MB Scientific Meeting, Frankfurt, Germany.
- **Kolínský, P., Bokelmann G., and the AlpArray Working Group, 2019:** Off-great circle imaging with AlpArray surface wave diffraction: The Cameroon plume, 3<sup>rd</sup> SuWANOuFuWI meeting, Lyon, France.
- **Kolínský, P., Fuchs, F., Gröschl, G., Bokelmann, G. and the AlpArray Working Group, 2017:** Azimuthal deviations and phase velocities of teleseismic surface waves across AlpArray, 2<sup>nd</sup> SuWANOuFuWI meeting, Vienna, Austria.
- **Kolínský, P., Fuchs, F., Gröschl, G., Bokelmann, G. and the AlpArray Working Group, 2017:** Report on AlpArray data quality, 2<sup>nd</sup> SuWANOuFuWI meeting, Vienna, Austria.
- **Kolínský, P., 2015:** Probability of occurrence of a big earthquake beneath the Vrcov village, Southern Czech Republic, public lecture given in the community pub, Vrcov.
- **Kolínský, P., Málek, J. and Brokešová, J., 2013:** Veřejná pitva Jana Mayena (Jan Mayen public dissection), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2012:** Skutečné směry šíření povrchových vln – inverze na regionální a lokální strukturu + přídavek: Zajímavost o kolísání spodních vod při megazemětřeseních (True propagation paths of surface waves – inversion for regional and local structure + appendix: Ground water level variations after the meagaquakes), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2010:** Seismology and tectonics, lecture for students at PORG (First Private High School)
- **Kolínský, P., Eisner, L. and Duncan, P., 2009:** Štěpení střížných vln od jevů indukovaných při hydraulickém frakturování aneb VTI to nejspíš není (Shear-wave splitting from microseismicity induced by hydraulic fracturing: A non-VTI story.), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., Eisner, L. and Duncan, P., 2009:** Štěpení střížných vln od jevů indukovaných při hydraulickém frakturování aneb VTI to nejspíš není (Shear-wave splitting from microseismicity induced by hydraulic fracturing: A non-VTI story.), seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P., Novotný, O., Málek, J. and Gaždová, R., 2008:** Disperze povrchových vln a strukturní studie ze záznamů řeckých zemětřesení (Surface wave dispersion and the crust structure from the records of Greek earthquakes.), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2007:** Shear wave velocity structure estimation using surface waves of different wavelengths, seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P., 2007:** Možnosti inverze povrchových vln aneb od disperze k seismogramu (Inversion of surface waves – from dispersion to seismogram), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2006:** Analýza povrchových vln od blízkých lomových odpalů i vzdálených zemětřesení na skupinové stanici Ostaš (Surface wave analysis of close quarry blast and regional earthquake records using the Ostaš small aperture array), seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P. and Brokešová, J., 2006:** The Western Bohemia uppermost crust shear wave velocities from Love wave dispersion, seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P., 2006:** Struktura kůry podél profilu Tábor – Komorní Hůrka metodou měření relativních fázových rychlostí povrchových vln od vzdálených zemětřesení (Earth crust structure along the Tábor – Komorní Hůrka profile from the relative measurement of phase velocities from regional earthquake records), seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2005:** Analysis and inversion of surface waves – Demonstration of the SVAL Program, seminar at the Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague.
- **Kolínský, P., 2005:** Model seismických rychlostí v oblasti Oderského riftu na základě disperze povrchových vln – Závěrečná zpráva o startovacím projektu AV ČR (Eger Rift seismic velocity model from surface wave dispersion – Final report about the Internal Start Project of the Grant Agency of the Czech Academy of Sciences), seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P., 2004:** Struktura zemské kůry odvozená z disperze grupové rychlosti povrchových vln (Earth crust structure from the surface wavegroup velocity dispersion), seminar at the Institute of Rock Structure and Mechanics, Czech Academy of Sciences.
- **Kolínský, P., 2004:** The uppermost crust S-velocity model of Western Bohemia estimated from the dispersion of short-period Love waves, seminar at the 7<sup>th</sup> Workshop on Three Dimensional Modelling of Seismic Waves Generation, Propagation and their Inversion, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy.

reviews:

reviewing papers for *Seismological Research Letters*, *Geophysical Journal International*, *Solid Earth (EGU)*, *Journal of Seismology*, *Tectonophysics*, *Soil Dynamics and Earthquake Engineering*



*grant projects I am / I was involved in:*

- Recognition of remote velocity anomalies in the upper mantle, Czech Science Foundation, No. 23-06370S, 2023 – 2025, principal investigator.
- AlpArray Austria 1 and 2, Fonds zur Förderung der wissenschaftlichen Forschung (FWF), Austria, 2014-2017 and 2018 – 2021.
- Nature of seismicity in the Hronov-Poříčí fault area, Czech Science Foundation, No. 205/09/1244, 2009 – 2013, principal investigator.
- Rotational components of seismic waves for local shallow earthquakes and artificial sources, Czech Science Foundation, No. P210/10/0925, 2010 – 2013, joint investigator.
- CzechGeo/EPOS (European Plate Observing System), Ministry of education – Government of the Czech Republic, 2010 – 2015.
- A comparison of seismic swarms in West Bohemia and South Iceland, EEA Grants + Norway Grants, No. A/CZ0046/2/0015, 2009 – 2010.
- Upper crustal model of the Ohře Rift and its vicinity, Grant Agency of the Czech Academy of Sciences, No. A300460602, 2006 – 2010.
- Propagation of seismic surface waves in the Trans-European suture zone, Grant Agency of the Czech Academy of Sciences, No. A300460705, 2007 – 2009.
- Earthquake swarms in the western part of the Bohemian Massif and their link with crustal fluids, Czech Science Foundation, No. 205/06/1780, 2006 – 2008.
- Hydrogeological effects of seismicity in the Hronov-Poříčí fault zone area, Czech Science Foundation, No. 205/05/H020, 2005 – 2008.
- International seismic experiment PASSEQ – Passive seismic experiment in Trans-European suture zone, 2006 – 2008.
- Seismic velocity model in the vicinity of Eger rift from dispersion of surface waves, starting grant of the Grant Agency of the Czech Academy of Sciences, No. Z3046908-I039, 2004, principal investigator.

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**Geophysical events, visits, trips:**

October 2023	- EPOS Seismology + ORFEUS workshop, Podgorica, Montenegro
September 2023	- Czech-Slovak Seismological Days, Třešť, CZ
June 2023	- Institute of Geophysics, University of Hamburg, Germany
May 2023	- Sofia Science Festival, Bulgaria
April 2023	- EGU GA, Vienna, Austria
April 2023	- AdriaArray workshop, Dubrovnik, Croatia
February 2023	- ORFEUS ExeCom meeting at KNMI, De Bilt, the Netherlands
December 2022	- UniWien, AdriaArray coordination, fieldwork, Austria
November 2022	- AdriaArray station maintenance, Romania + Bulgaria
November 2022	- Earth Science Institute of SAS, Banská Bystrica, Slovakia
October 2022	- AlpArray & 4DMB Scientific Meeting, Prague, CZ
October 2022	- 2 <sup>nd</sup> EPOS SP Workshop on AdriaArray – Seismology, Potsdam, Germany
June 2022	- AdriaArray station deployment, Romania + Bulgaria
May 2022	- EGU GA, Vienna, Austria
September 2021	- AdriaArray fieldwork at UniWien; Slovakia, Austria
November 2019	- AlpArray & 4DMB Scientific Meeting, Frankfurt, Germany
June 2019	- Science and Technology conference, CTBTO, Vienna, Austria
May 2019	- Beyond AlpArray / AdriaArray kick-off meeting, Thessaloniki, Greece
April 2019	- EGU GA, Vienna, Austria
February 2019	- AlpArray Surface Wave WG meeting, Lyon, France
September 2018	- European Seismological Commission 36 <sup>th</sup> General Assembly, Valletta, Malta
July 2018	- 4 <sup>th</sup> TIDES training school, Prague, Czech Republic
April 2018	- EGU GA, Vienna, Austria
February 2018	- Department of Geophysics, University of Zagreb, Croatia
April 2017	- EGU GA, Vienna, Austria
October 2016	- Czech-Slovak Seismological Days, Stará Lesná, Slovakia
September 2016	- 2 <sup>nd</sup> TIDES training school, Sesimbra, Portugal
September 2016	- European Seismological Commission 35 <sup>th</sup> General Assembly, Italy, Trieste
April 2016	- EGU GA, Vienna, Austria
February 2016	- AlpArray meeting, Zurich, Switzerland
May 2015	- AlpArray meeting, Zurich, Switzerland
April 2015	- EGU GA, Vienna, Austria
December 2013	- AGU Fall Meeting, San Francisco, California, USA
October 2013	- seismic station maintenance, Bulgaria
Sept./Oct. 2013	- 3 <sup>rd</sup> Meeting of the Int. WG on Rotational Seismology, Christchurch, New Zealand

July 2013	- seismic station deployment, Java, Lombok, Bali, Indonesia
December 2012	- SED ETH, Switzerland, Zurich
August 2012	- European Seismological Commission 33 <sup>rd</sup> General Assembly, Moscow, Russia
May 2012	- seismic station maintenance, Greece, Bulgaria
March 2012	- PASSEQ workshop, Warszawa, Poland
July 2011	- seismic monitoring of hydraulic fracturing, Hungary
June 2011	- Geophysical Institute, Bulgarian Acad. Sci., seismic station maintenance, Provadia, BG
April 2011	- Seismological Society of America 2011 Annual Meeting, Memphis, Tennessee, USA
	- Albuquerque Seismological Laboratory, USGS, New Mexico, USA
September 2010	- European Seismological Commission 32 <sup>nd</sup> General Assembly, Montpellier, France
June – July 2010	- Icelandic Meteorological Office, Reykjavik, Iceland
September 2009	- Geophysical Inst., Bulgarian Acad. of Sci., seismic station maintenance, Provadia, BG
June 2009	- 71 <sup>st</sup> EAGE conference, Amsterdam, the Netherlands
April – May 2009	- Geophysical Inst., Bulgarian Acad. of Sci., new seismic station deployment, Provadia
October – December 08	- three months internship in MicroSeismic Inc, Houston, Texas, USA
June 2008	- data collection, Geophysical Inst., Bulgarian Acad. of Sci., Sofia, Bulgaria
December 2007	- AGU Fall Meeting, San Francisco, California, USA
June 2007	- 3 <sup>rd</sup> Stuttgart summer school on nanoseismic monitoring, Stuttgart, Germany
September 2006	- 1 <sup>st</sup> European Conf. on Earthquake Engineering and Seismology, Geneva, Switzerland
May – June 2006	- Research Centre for Astronomy and Geophysics, Mongolian Acad. Sci., Ulaanbaatar
June – July 2005	- Research Centre for Astronomy and Geophysics, Mongolian Acad. Sci., Ulaanbaatar
April 2005	- 2 <sup>nd</sup> General Assembly of the European Geosciences Union (EGU), Vienna, Austria
Oct. – Nov. 2004	- 7 <sup>th</sup> Wshop on 3D modelling of seis. waves gener., propag. and inversion, Trieste, Italy
June – July 2004	- visiting four institutes of Russian Academy of Sciences in Moscow and Obninsk (Institute of Physics of the Earth named by G. A. Gamburtsev (part of the Schmidt's Joint Institute of Physics of the Earth, Moscow), Institute of Geospheres Dynamic (Moscow), International Institute of Earthquake Prediction and Mathematical Geophysics (Moscow), Central Experimental Methodical Expedition (Geophysical Survey, Obninsk))
April 2004	- 1 <sup>st</sup> General Assembly of the European Geosciences Union (EGU), Nice, France

### **Other experience**

#### *election missions:*

November 2001	- International Polling Station Supervisor of the Kosovo Assembly Election organized by the Organization for Security and Co-operation in Europe (OSCE) Mission in Kosovo (OMIK)
October 2000	- work for "Pre-election Education Campaign for Youth in Kosovo: Fushata 2000" (Prishtina, other cities in Kosovo), organized by the Open Society Fund (OSF) Praha (East East Program)
	- member of the Council of Europe Election Observation Mission (CEEOM) as the international observer of the Kosovo Municipal Election

#### *humanitarian aid missions:*

August 2002	- cooperation with The Association of Samaritans of the Czech Republic (ASCR) during the flood around Vltava river
November 2000	- delivery of building materials to Czech villages in Banat region, Romania, organized by the People in Need Foundation
September 2000	- cooperation with The Association of Samaritans of the Czech Republic (ASCR) and Samaritan International (SAINT) during the World Bank and International Monetary Fund meeting in Prague
September 1999	- leadership and driving of truck to Macedonia / Kosovo, organized by the Czech Caritas (CKCH)
July 1999	- repair of houses as an aid for people affected by flood in Ukraine (Rachiv, villages), organized by the Czech Caritas (CKCH)
April 1999	- attendance of convoy to Montenegro (Podgorica, Rozaje), organized by the Adventist Development and Relief Agency (ADRA)
December 1998	- driver of truck in convoy to Kosovo (Prishtine), organized by the People in Need Foundation (PINF) / Mother Teresa Organization (MTO)
1999 – 2001	- several journeys to Czech villages in the Banat region, Romania and Daruvar, Croatia, attendance of the Czech teachers working in villages, project organized by the Czech Ministry of Foreign Affairs
October 1996	- attendance of convoy to Moldavia (Chisinau, villages), organized by the Adventist Development and Relief Agency (ADRA)

1996 - fund raising for the Czech Committee for Refugees

*hobbies and sport:*

- 1993 – 1996 - music, travelling, skiing, snowboarding, whitewater rafting, hiking, horse-riding
- 1995 - member of a rhythm 'n' blues band
- 1995 - writing and performing an own dramatic piece (high school)

*memberships (also expired), environmental protection:*

- member of the Vltava Society (Sdruzeni pro Vltavu) – projects concerning cultural and environmental protection of the upper part of the river Vltava
- member of the Czech Group for Humanitarian Aid
- honorary member of The Association of Samaritans of the Czech Republic
- member of the People in Need Friends Club
- member of the Seismological Society of America (SSA)
- member of the American Geophysical Union (AGU)
- member of the European Geosciences Union (EGU)
- member of the European Association of Geoscientists and Engineers (EAGE)

*press publications:*

- foundation and the 2-year work for high school magazine (supported by the Open Society Fund),
- articles for the magazine Babylon, Českobudějovické listy, HYDROmagazín
- interviews in Czech Television, Czech Radio, daily newspapers

*holiday and other traveling:*

- 2023 - **Norway**, tourism
- 2022 - the Alps, **Austria**, tourism
- 2021 - the Alps, **Austria**, tourism
- 2020 - the Alps, **Austria**, tourism
- 2019 - the Alps, **Austria**, tourism
- 2018 - **Malta**, tourism, ESC General Assembly
- Santorini, **Greece**
- Fédération Mondiale du Berger Belge World Championship, Ajdovščina, **Slovenia**
- 2017 - the Alps, **Austria**, tourism
- 2016 - **Norway** and **Sweden**, tourism
- 2015 - **France**, **Great Britain**, **Ireland**, tourism, hiking
- 2014 - **Slovenia**, tourism, hiking
- 2013 - Southwestern **USA** (Texas, New Mexico, Arizona, Nevada, California), tourism, AGU Fall Meeting in San Francisco, 3 weeks
- 2013 - **New Zealand** (South Island), 3<sup>rd</sup> IWGoRS meeting, tourism, 2 weeks
- 2013 - **Indonesia** (Java, Lombok, Bali), seismic station deployment, tourism, 3 weeks
- 2012 – 2013 - **Australia** (Victoria, South Australia, Northern Territory, Queensland, New South Wales, Australian Capital Territory), tourism, 4 weeks
- 2012 - **Russia**, ESC Assembly, Moscow, Golden circle tourism, 2 weeks
- **Scotland**, tourism
- 2011 - **USA** – SSA Annual Meeting, tourism, (Tennessee, New Mexico, Arizona, California) 3 weeks
- 2010 - **Iceland**, international project for seismic swarm comparison
- 2008/9 - **USA** – two weeks across the south-eastern US (Texas, Louisiana, Mississippi, Alabama, Tennessee, Kentucky, North Carolina, Virginia, Maryland, Delaware, Pennsylvania, New Jersey, New York), following the next journey ...
- 2008 - **USA** – three months internship in MicroSeismic Inc., Houston, Texas
- **Kyrgyzstan** and **Uzbekistan** – rafting down the Kekemeran and Naryn rivers, trekking in Tian-Shan, tourism along the Silk Road, 6 weeks
- 2007 - **Tibet** and **Nepal** – tourism, trekking around the Mt. Kailash,
- 2006 - North Atlantic Islands – 6 weeks around **Faroe Islands**, **Iceland**, **Shetland** and **Orkney Islands**, **Scotland**, **Isle of Skye** and **England** – tourism, hiking
- **Mongolia** – visiting the Research Centre for Astronomy and Geophysics of the Mongolian Academy of Sciences, bilateral agreement negotiation, SCREAM project
- **Afghanistan** – Hindukush Mountains, whitewater rafting down the Band-e-Amir River
- 2005 - **Mongolia** and **Russia** (11 weeks) – visiting the Research Centre for Astronomy and Geophysics of the Mongolian Academy of Sciences – study and working tour, tourism,

- horse riding; Siberia (Buryatiya and Tuva) – hiking, whitewater rafting down the Bij-Chem (Bolshoy Yenisey River)
- 2004 - **Canada** – 8 weeks across the country (Ontario, Manitoba, Saskatchewan, Alberta, Northwest Territories, Yukon Territory, British Columbia) – tourism, hiking
- 2003/4 - **Romania** – tourist journey in the Czech villages, winter sports
- 2003 - Baltic states and Scandinavia – 6 weeks across Northern Europe (**Poland, Lithuania, Latvia, Estonia, Russia, Finland, Sweden, Norway, Denmark, Germany**) – tourism, hiking, whitewater rafting
- 2002/3 - **Ukraine** – winter sports, hiking
- 2002 - Balkan and Eastern European states – 6 weeks (**Hungary, Romania, Bulgaria, Turkey, Greece, Albania, Kosovo, Monte Negro, Croatia, Bosnia and Hercegovina, Serbia**) – tourism, hiking
- 2001 - **Kosovo** – Assembly Election
- **Russia** – Siberia, Altai Mountains – hiking, mountain climbing, whitewater rafting down the Katun River
- **Romania** – Czech villages
- 2000 - **Kosovo** – development project, municipal election
- **Romania** – aid for the Czech villages
- **Croatia** – aid for the Czech school
- **USA** – 6 weeks across the Western US (Nebraska, Colorado, New Mexico, Arizona, California, Nevada, Idaho, Montana, Wyoming) – tourism, hiking
- 1999 - **Ukraine** – humanitarian aid, hiking
- **Romania** – hiking, Czech villages
- **Montenegro** – humanitarian aid
- **Macedonia** – humanitarian aid
- 1998 - **Russia** – Siberia, Baikal Lake – whitewater rafting down the Lena River, hiking in the Chamar-Daban Mountains
- **Kosovo, Serbia** – humanitarian aid
- 1997 - **Norway** – hiking, whitewater rafting
- **Croatia** – trainer of a high school course
- 1996 - **France** – hiking, whitewater rafting
- **Spain** – hiking, whitewater rafting
- **Sweden** – high school exchange
- **Moldavia** – humanitarian aid
- **Romania** – hiking, whitewater rafting
- 1995 - **Norway** – hiking, whitewater rafting
- 1994 - **France** – whitewater rafting
- 1993 - **Germany** – high school exchange
- 1992 - **Germany** – high school exchange
- **Great Britain** – high school exchange
- 1989 - **Russia** (Soviet Union), Moscow – tourism
- a lot of other journeys to Slovakia, Austria, Germany, Italy, Hungary, Croatia, Slovenia, France and other countries

*travel seminars:*

- 2013 tectonics, seismology and travelling (Australia, Indonesia, New Zealand), Jonáš club, Prague
- 2013 photos from Australia, Klíček club, Brandýs n Labem
- 2013 photos from Afghanistan and movie from the Band-e-Amir river rafting, Klíček club, Brandýs n Labem
- 2009 photos from Afghanistan and movie from the Band-e-Amir river rafting, PORG (First Private High School)
- 2008 photos and movie from the Band-e-Amir river rafting, Afghanistan, Clubhouse, Slatiňany
- 2006 photos from Mongolia 2005 and 2006, travelers club Karavanserai, Prague
- 2006 photos from the Sayany Mountains and the Bij-Chem river rafting, travelers club Karavanserai, Prague
- 2006 photos from the Sayany Mountains and the Bij-Chem river rafting, Czech Technical University, Prague
- 2002 movie from the Altai Mountains and about the Katun river rafting, Sudoměřice u Bechyně
- 2002 movie from the Altai Mountains and about the Katun river rafting, Tea-room Carpe Diem, Dobříš
- 2002 movie from the Altai Mountains and about the Katun river rafting, Conservatoire of Jaroslav Jezek