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PERSONAL DATA:

Born: DD/MM/YYYY City Country

Citizenship: Slovak

Marital status: XXXXXXXX

Gender: male (Pronouns: He/Him/His)

EMPLOYMENT:

09/2010 - present: Akademische Rat a.Z + Wissenschaftlicher
Mitarbeiter, Institute for Theoretical Physics,
University of Regensburg, Germany

08/2004 - 08/2010: researcher & lecturer, Department of Theoretical
Physics, FMFI, Comenius University, Bratislava,
Slovakia

EDUCATION:

02/2018 - 12/2020:

Habilitation in condensed matter physics, Univers. of Regensburg

Habilitation: *Effective model Hamiltonians, spectral resonances
and spin relaxation in graphene-based systems*

submitted, under external reviews

09/2000 - 09/2003:

Ph.D. in mathematical physics, FMFI, Comenius University

Dissertation: *Applications of supergeometry and differential gorms*¹

passed with excellence (equivalent to: Summa Cum Laude)

RESEARCH EXPERIENCE:

09/2010 - present: research associate, Institute for Theoretical Physics, University Regensburg

08/2004 - 08/2010: research associate, Department of Theoretical Physics, Comenius University, Bratislava

02/2010 - 05/2010: research fellow, Erwin Schrödinger Institut for Mathematical Physics, Wien

03/2009 - 08/2009: research fellow, Theory Divison, CERN

09/2007 - 12/2007: Doppler Institute research fellow, Nuclear Physics Institute, Academy of Science, Prague

09/2006 - 11/2006: Doppler Institute research fellow, Nuclear Physics Institute, Academy of Science, Prague

04/2006 - 09/2006: research associate, Research Centrum for Quantum Information, Slovak Academy of Science, Bratislava

10/2003 - 05/2004: CIMO fellow, Department of Physical Sciences, University of Helsinki

09/2000 - 09/2003: PhD studies in Mathematical Physics, Comenius University, Bratislava

SCIENTOMETRY:² (Source: Google Scholar)

- i10-index 18
- citations around 1100

¹g in gorms is, indeed, not a typo

²In the field of condensed matter physics I am active from September 2010, before I worked in the area of mathematical physics.

TEACHING:

09/2010 - Present: lecturer & teaching assistant, Institute for Theoretical Physics, University of Regensburg, Germany

09/2000 - 08/2010: lecturer & teaching assistant, Department of Theoretical Physics, FMFI, Comenius University, Bratislava, Slovakia

- Courses & classes given in Regensburg:³
 - ▷ WT-20/21: *Recitations: Differential Geometry for Physicists* (4 SWH)
 - ▷ ST-20: *Übungen zur Theoretischen Physik IV (Thermodynamik und Quantenstatistik)* (4 SWH)
 - ▷ WT-19/20: *Recitations: Differential Geometry for Physicists* (4 SWH)
 - ▷ ST-19: *Übungen zur Theoretischen Physik IV* (4 SWH)
"Prize for the best teacher in ST' 19"
 - ▷ WT-17/18: *Recitations: Differential Geometry for Physicists* (4 SWH)
 - ▷ ST-17: *Übungen zu Experimentalphysik IV* (4 SWH)
 - ▷ WT-16/17: *Übungen zu Integrierter Kurs II* (2 SWH)
 - ▷ ST-16: *Zentralübungen zur Theoretischen Physik II* (4 SWH)
 - ▷ WT-15/16: *Übungen zur Einführ. in die Thermodyn.* (2 SWH)
 - ▷ ST-15: *Übungen zur Experimentalphysik IV* (2 SWH)
 - ▷ WT-14/15: *Übungen zur Theoretischen Physik II* (4 SWH)
 - ▷ ST-14: *Übungen zur Theoretischen Physik IV* (4 SWH)
 - ▷ WT-13/14: *Mesoscopic Physics* (2 SWH)
 - ▷ ST-13: *Übungen zur Theoretischen Physik II* (2 SWH)
 - ▷ ST-12: *Übungen zu Mathematische Methoden* (2 SWH)
 - ▷ WT-11/12: *Übungen zu Mathematische Methoden* (2 SWH)
- Courses & classes given in Bratislava: together ca 67 SWH the list is long and can be given on request. The lectures covered diverse undergrads subjects: *classical and quantum mechanics, solid state physics, statistical physics, mathematical methods, special theory of relativity*, etc.

³SWH = Semester-Week-Hours, ST = Summer Term, WT = Winter Term

(CO)SUPERVISING & (CO)MENTORING:⁴

▷ Dissertation:

- A. Costa⁴ and M. Barth⁵ (both ongoing)
- S. Blanter⁶: *Thermal and photoinduced transport in 2D materials*, University of Regensburg (2020)
- P. Högl⁴: *Spin-orbit coupling effects in tunnel junctions and graphene*, University of Regensburg (2020)
- T. Frank⁴: *Ab initio studies of extrinsic spin-orbit coupling effects in graphene and quantum Monte Carlo simulations of phosphorene*, University of Regensburg (2019)
- S. Irmer⁴: *Theoretical investigations of orbital and spin-orbital effects in functionalized graphene*, University of Regensburg (2018)
- S. Korschuh⁴: *Spin-orbit coupling effects: from graphene to graphite*, University of Regensburg (2011)

▷ Diploma:

- S. Späth⁴: *Spin-relaxation in bilayer graphene*, University of Regensburg (2016)
- S. Irmer⁴: *Spin-orbit coupling in functionalized graphene structures*, University of Regensburg (2014)
- M. Michalčík: *Superdeterminat and the odd symplectic geometry*, Comenius University Bratislava (2006)

▷ Bachelor:

- D. Angerer⁴: *Shiba states by magnetic impurities in superconducting graphene*, University of Regensburg (2017)
- B. Huth⁴: *Spin-orbit coupling in graphene*, University of Regensburg (2017)
- M. Kraus⁴: *Resonante Streuung in versetztem Graphen*, University of Regensburg (2014)
- J. König⁴: *Spin-Orbit Coupling In Resonant 1-D Chains*, University of Regensburg (2014)

⁴According to German law, the official supervisor for these dissertation, diploma and bachelor thesis is Prof. Dr. J. Fabian. The scientific supervision belongs partially to my assignment.

⁵Official supervisor Prof. Dr. Klaus Richter, University of Regensburg.

⁶Official supervisor Prof. Dr. Christoph Strunk, University of Regensburg.

- S. Späth:⁴ *Spin relaxation in graphene due to resonant spin-orbit coupling scattering*, University of Regensburg (2014)
- P. Augustín: *Expanding potential well - exact solution*, Comenius University Bratislava (2007)

SYNERGIC ACTIVITIES:

▷ referee:

Physical Review Letters, Physical Review Materials
Physical Review B and X
Journal of Physics: Cond. Matter
2D Materials, Scientific Reports

▷ expert/reviewer:

Hungarian Research, Development and Innovation Office
Polish National Science Center
Slovak Research and Development Agency
Spanish State Research Agency (Estatad de Investigación, Spain)

▷ Summer and winter schools (co-organizer):

- 03.09. - 10.09.2009 *Summer school: Theoretical Tools for LHC Physics*, Svit, Hight Tatras (together with T. Blažek)
- 02.02. - 04.02.2009 *Winter school: Selected topics from mathematical physics*, FMFI, Bratislava (together with T. Blažek)
- 14.09. - 21.09.2008 *Summer school: Physics at One Loop*, Svit, Hight Tatras (together with T. Blažek)
- 15.05. - 16.05.2008 *Slovak Student Conference in Physics 08*, FMFI, Bratislava (together with J. Urban)
- 04.02. - 08.02.2008 *Winter school: Advanced Quantum Mechanics*, FMFI, Bratislava (together with T. Blažek)
- 09.09. - 16.09.2007 *Summer school: "Physics beyond the Standard Model Knocks at the Door,"* Svit, Hight Tatras (together with T. Blažek and V. Černý)
- 25.06. - 13.07.2007 *International Workshop on Noncommutative Geometry*, FMFI, Bratislava (together with P. Prešnajder, M. Demetrian and Z. Dzuráková)

- 05.02. - 09.02.2007 *Winter school from symplectic geometry*, FMFI, Bratislava (together with P. Ševera)
- 24.06. - 14.07.2006 *Workshop on Noncommutative Geometry*, FMFI, Bratislava (together with P. Prešnajder)

PROJECTS: (SUPPORTED BY GERMAN SCIENCE FOUNDATION)

Heisenberg Fellowship: KO 6439/1-1 *Emergent phenomena in low-dimensional superconductors: geometry, spin and Majoranas* (Principal Investigator, under review, expected to start in November 2021)

Collaborative Research Center: SFB 1277 *Emergent Relativistic Effects in Condensed Matter* (associated member)

Collaborative Research Center: SFB 689 *Spin Phenomena in Reduced Dimensions* (associated member)

Graduate College: GRK 1570 *Electronic properties of carbon-based Nanostructures* (associated member)

PROJECTS: (SUPPORTED BY SLOVAK MINISTRY OF SCIENCE)

VEGA 1/1008/09: *Methods of mathematical physics in supersymmetric field theories and gravity* (co-PI)

VEGA 1/3042/06: *Supersymmetry and supergeometry in fields theory and gravity* (co-PI)

GUK 359/2006: *Application of supergeometry and quantization of algebraic structures* (PI)

PROJECTS: (SUPPORTED BY ESF-EUROPEAN SOCIAL FOUNDATION)

ESF-JPD BA 3-2005/NP1-013: *Centrum of advanced studies - Theoretical Physics* (member of the executive board, budget: 250.000,- EU)

ESF-JPD BA 3-2005/NP1-027: *Translations of studying materials for master programs in nuclear and theoretical physics to English* (member of the executive board, budget: 110.000,-EU)

ESF-SOP 2005/3-133: *Curricular transformation on 8-years Gymnasiums* (head of the work-package Mathematics and Information processing, no member of the executive board, budget: 450.000,-EU)

PUBLICATIONS—REGULAR ARTICLES:⁷

- ▶ Y. G. Pogorelov, V. M. Loktev, D. Kochan; *Impurity resonance effects in graphene versus impurity location, concentration, and sublattice occupation*, Phys. Rev. B **102**, 155414 (2020)
- ▶ D. Kochan, M. Barth, A. Costa, K. Richter, J. Fabian; *Spin Relaxation in s-Wave Superconductors in the Presence of Resonant Spin-Flip Scatterers*, Phys. Rev. Lett. **125**, 087001 (2020)
- ▷ M. S. Okyay, A. H. Kulahlioglu, D. Kochan, and N. Park; *Resonant amplification of the inverse-Faraday-effect magnetization dynamics of time-reversal-symmetric insulators*, Phys. Rev. B **102**, 104304 (2020)
- ▶ P. Högl, T. Frank, D. Kochan, M. Gmitra, and J. Fabian; *Chiral Majorana fermions in graphene from proximity-induced superconductivity*, Phys. Rev. B **101**, 245441 (2020)
- ▶ P. Högl, T. Frank, K. Zollner, D. Kochan, M. Gmitra, and J. Fabian; *Quantum anomalous Hall effects in graphene from proximity induced uniform and staggered spin-orbit and exchange coupling*, Phys. Rev. Lett. **124**, 136403 (2020)
- ▷ R. Kozlovsky, A. Graf, D. Kochan, K. Richter, C. Gorini; *Magnetoconductance, Quantum Hall Effect, and Coulomb Blockade in Topological Insulator Nanocones*, Phys. Rev. Lett. **124**, 126804 (2020)
- ▶ S. Wellenhofer, A. Stabile, D. Kochan, M. Gmitra, Y.-W. Chuang, J. Zhu, and J. Fabian; *Spin relaxation in fluorinated single and bilayer graphene*, Phys. Rev. B **100** 035421 (2019)
- ▶ T. Völkl, D. Kochan, T. Ebnet, S. Ringer, D. Schiermeier, P. Nagler, T. Korn, Ch. Schüller, J. Fabian, D. Weiss, J. Eroms; *Absence of a giant spin Hall effect in plasma-hydrogenated graphene*, Phys. Rev. B **99** 085401 (2019)
- ▶ J. Lee, D. Kochan, J. Fabian; *Interplay of resonant states and Landau levels in functionalized graphene*, Phys. Rev. B **99** 035412 (2019)
- ▶ J. Katoch, T. Zhu, D. Kochan, S. Singh, J. Fabian, R. Kawakami; *Transport Spectroscopy of Sublattice-Resolved Resonant Scattering in Hydrogen-Doped Bilayer Graphene*, Phys. Rev. Lett. **121**, 136801 (2018)

⁷Publications with ▶ marker are parts of the Habilitation thesis.

- ▶ T. Frank, P. Högl, M. Gmitra, D. Kochan, J. Fabian; *Protected Pseudohelical Edge States in \mathbf{Z}_2 -Trivial Proximitized Graphene*, Phys. Rev. Lett. **120**, 156402 (2018)
- ▷ A. Costa, J. Fabian, D. Kochan; *Connection between zero-energy Yu-Shiba-Rusinov states and $0-\pi$ transitions in magnetic Josephson junctions*, Phys. Rev. B **98** 134511 (2018)
- ▶ S. Irmer, D. Kochan, J. Lee, J. Fabian; *Resonant scattering due to adatoms in graphene: Top, bridge, and hollow positions*, Phys. Rev. B **97** 075417 (2018)
- ▶ D. Kochan, S. Irmer, J. Fabian; *Model spin-orbit coupling Hamiltonians for graphene systems*, Phys. Rev. B **95** 165415 (2017)
- ▶ T. Frank, S. Irmer, M. Gmitra, D. Kochan, J. Fabian; *Copper adatoms on graphene: Theory of orbital and spin-orbital effects*, Phys. Rev. B **95** 035402 (2017)
- ▶ M. Gmitra, D. Kochan, P. Högl, J. Fabian; *Trivial and inverted Dirac bands, and emergence of quantum spin Hall states in graphene on transition-metal dichalcogenides*, Phys. Rev. B **93** 155104 (2016)
- ▶ K. Zollner, T. Frank, S. Irmer, M. Gmitra, D. Kochan, J. Fabian; *Spin-orbit coupling in methyl functionalized graphene*, Phys. Rev. B **93** 045423 (2016)
- ▶ D. Kochan, S. Irmer, M. Gmitra, J. Fabian; *Resonant Scattering by Magnetic Impurities as a Model for Spin Relaxation in Bilayer Graphene*, Phys. Rev. Lett. **115** 196601 (2015)
- ▶ J. Bundesmann, D. Kochan, F. Tkatschenko, J. Fabian, K. Richter; *Theory of spin-orbit-induced spin relaxation in functionalized graphene*, Phys. Rev. B **92** 081403 (2015)
- ▶ S. Irmer, T. Frank, S. Putz, M. Gmitra, D. Kochan, J. Fabian; *Spin-orbit coupling in fluorinated graphene*, Phys. Rev. B **91** 115141 (2015)
- ▶ D. Soriano, D. Van Tuan, S. M-M Dubois, M. Gmitra, A. Cummings, D. Kochan, F. Ortman, J.Ch. Charlier, J. Fabian, S. Roche; *Spin transport in hydrogenated graphene*, 2D Materials **2** 022002 (2015)
- ▶ D. Kochan, M. Gmitra, J. Fabian; *Spin relaxation mechanism in graphene: resonant scattering by magnetic impurities*, Phys. Rev. Lett. **112** 116602 (2014)

- ▶ M. Gmitra, D. Kochan, J. Fabian; *Spin-orbit coupling in hydrogenated graphene*, Phys. Rev. Lett. **110** 246602 (2013)
- ▷ D. Kochan, D. Krejčířík, R. Novák, P. Siegl; *The Pauli equation with complex boundary conditions*, J. Phys. A: Math. Theor. **45** 444019 (2012)
- ▶ S. Korschuh, M. Gmitra, D. Kochan, J. Fabian; *Theory of spin-orbit coupling in bilayer graphene*, Phys. Rev. B **85** (2012) 115423
- ▷ D. Kochan, M. Gmitra, J. Fabian; *Theory of the ac spin-valve effect*, Phys. Rev. Lett. **107** (2011) 176604
- ▷ D. Kochan; *Functional integral for non-Lagrangian Systems*, Phys. Rev. A **81** (2010) 022112
- ▷ D. Kochan; *Direct quantization of equations of motion: from classical dynamics to transition amplitudes via strings*, Int. J. Geom. Meth. Mod. Phys. **07** (2010) 1385-1405
- ▷ D. Kochan; *How to Quantize Forces(?): An Academic Essay on How the Strings Could Enter Classical Mechanics*, J. Geom. Phys. **60** (2010) 219-229
- ▷ D. Kochan; *Quantization of non-Lagrangian systems*, Int. J. Mod. Phys. A **24** (2009) 5319-5340
- ▷ D. Kochan; *Pseudodifferential forms and supermechanics*, Czech. J. Phys. **54** (2004) 177
- ▷ D. Kochan; *Grassmann electrodynamics and general relativity*, J. Geom. Phys. **51** (2004) 196
- ▷ M. Demetrian, D. Kochan; *Quantum mechanics on non-commutative plane*, Acta Phys. Slov. **52** (2002)

PUBLICATIONS—CHAPTERS IN MONOGRAPHS:

- ▷ J. Fabian, T. Frank, M. Gmitra, P. Högl, D. Kochan, M. Kurpas, K. Tokar, R. Derian, L. Mitaš, I. Štich; *Monte-Carlo and density functional studies of spintronic effects in (quasi) two-dimensional systems*, in: High Performance Computing in Science and Engineering Garching/Munich 2018 (Eds. P. Bastian, D. Kranzlmüller, H. Brüche, M. Brehm), Bayerische Akademie der Wissenschaften, 2018, ISBN 978-3-9816675-2-3
- ▶ M. Gmitra, D. Kochan, P. Högl, J. Fabian; *Proximity Spin-orbit Coupling Physics of Graphene in Transition-metal Dichalcogenides*, Symmetry, Spin Orbitronics And Topological Properties Of Nanostructures - Lecture Notes of the 12th International School on Theoretical Physics, World Scientific, 2017, ISBN 978-981-3234-33-8
- ▶ D. Kochan, M. Gmitra, J. Fabian; *Resonant Scattering off Magnetic Impurities in Graphene: Mechanism for Ultrafast Spin Relaxation*, Symmetry, Spin Dynamics and the Properties of Nanostructures - Lecture Notes of the 11th International School on Theoretical Physics, World Scientific, 2015, ISBN 978-981-4740-36-4
- ▷ D. Kochan; *Dualities in Physical Theories* (in Slovak), Lecture Notes: Winter School from Mathematical Physics, FMFI UK, Bratislava, 2009, ISBN 978-80-89186-56-3

PUBLICATIONS—PROCEEDINGS & REVIEWS:

- ▷ D. Kochan, M. Gmitra, J. Fabian; *Spin-orbit coupling in graphene structures*, SPIE NanoScience + Engineering, Proc. SPIE 8461, Spintronics V, 84610L, 2012
- ▷ D. Kochan; *Does a functional integral really need a lagrangian?*, Acta Polytechnica **50** (2010) 57-61
- ▷ D. Kochan; *Noncommutative Lagrange Mechanics*, SIGMA 4 (2008) 028
- ▷ D. Kochan; *Mlodinow's window: a tabloid story of history of geometry* (a book review, in Slovak), Knihy a spoločnosť **9** (2007)
- ▷ Z. Kubáček, D. Kochan, D. Ševerová; *What and why not to teach in Math* (in Slovak), Proceedings of Educational Conference: Innovation in methods of teaching scholars at Grammar School, Universitas Tyrnaviensis 2007, ISBN 978-8080158-6
- ▷ D. Kochan; *Quantization of Dissipative Systems - Some Irresponsible Speculation*, AIP Conference Proceedings **956** (2007) 3-8
- ▷ D. Kochan; *Quantization of Equation of Motion*, Acta Polytechnica **47** (2007) 60-67
- ▷ D. Kochan, P. Ševera; *Applications of supergeometry* (a topical review, in Slovak), Čs. čas. fyz. **55** (2005) 513
- ▷ D. Kochan; *Differential gorms and worms*, Proceedings of the XI Regional Conference Tehran, Iran 3 - 6 May 2004, Mathematical Physics pp 128-130, World Scientific Publishing
- ▷ P. Ševera, D. Kochan; *Differential gorms, differential worms*, Available at math.DG/0307303

PUBLICATIONS—ACCEPTED & SUBMITTED:

- ▷ J. Amann, T. Völkl, D. Kochan, K. Watanabe, T. Taniguchi, J. Fabian, D. Weiss, J. Eroms; *Gate-tunable Spin-Orbit-Coupling in Bilayer Graphene-WSe-heterostructures*, [arXiv:2012.05718](https://arxiv.org/abs/2012.05718)

TALKS & PRESENTATIONS (LAST FIVE YEARS):

▷ 2020:

- ★ invited speaker at four events—all cancelled, Covid-19 outbreak
- ★ Department of Physics, Charles University, Prague, Czech Republic, 03.12., *Graphene spintronics: relaxation and proximity* (**invited**, zoom talk)

▷ 2019:

- ★ 2D Materials: From Fundamentals to Spintronics, Natal, Brazil, 02.10., *Spin relaxation and Yu-Shiba-Rusinov states in superconducting graphene* (**invited**)
- ★ Colloquium, Stanford University, USA, 28.02., *Graphene spintronics: spin relaxation and proximity* (**invited**)
- ★ Kite-Workshop, Porto, Portugal, 14.-15.01., *Spin-relaxation in superconducting graphene* (**invited**)

▷ 2018:

- ★ Institute of Physics, Department of Electrical Engineering, 29.05., *Spin relaxation and pseudo-topological states in graphene based systems* (**invited**)
- DPG Spring Meeting, Berlin, Germany, 04.-09.03., *Spin-relaxation in superconducting graphene*
- ★ SFB-Colloquium, University of Regensburg, 23.01., *Spin-relaxation in graphene based systems a time to look back* (**invited**)

▷ 2017:

- Internal Workshop SFB 689 & SFB 1277, Abtei Frauenwörth, Frauenchiemsee, 04.-06.10., *Spin-relaxation and bound states in superconducting graphene*
- Graphene Week, Athens, Greece, 25.-29.09., *Resonant to bound state transitions in superconducting graphene* (poster)
- ★ SPIE NanoScience + Engineering, San Diego, USA, 06.-10.08., *Spin-orbit and exchange proximity effects in 2D materials* (**invited**)

- Workshop on Spins, Valleys, and Topological States in 2D and Layered Materials, Columbus, Ohio, USA, 04.-08.06., *Graphene spin-relaxation* (poster)
- APS March Meeting, New Orleans, USA, 13-17.03., *Resonant-to-bound state transitions in superconducting graphene*
- ▷ **2016:**
- ★ Workshop, Recent Progress in Spintronics of 2D Materials, Hsinchu, Taiwan, 13.-16.11., *Spin-relaxation in graphene based structures: the role of magnetic impurities* (**invited**)
- ★ Mini-symposium, Recent developments on 2D materials research, York, England, 18.05., *Spin-relaxation in graphene based structures: the role of magnetic impurities* (**invited**)
- APS March Meeting, Baltimore, USA, 14.-18.03., *Emergence of quantum spin Hall and half-topological states at Graphene/TMDC heterostructures*
- DPG Spring Meeting, Regensburg, Germany, 07.-11.03., *Emergence of quantum spin Hall and half-topological states at Graphene/TMDC heterostructures*
- ★ Theory Seminar, University at Buffalo, USA, 09.03., *Spin-relaxation in graphene based structures* (**invited**)
- Workshop, Majorana 2016, Mainz, Germany, 22.-25.02., *Emergence of quantum spin Hall and half-topological states at Graphene/TMDC heterostructures*
- Lehrstuhl Richter/Grifoni Seminar, Regensburg, Germany, 03.02., *Spin-relaxation in graphene based structures*
- ▷ **2015:**
- ★ Workshop, Materials for Future, Uppsala, Sweden, 03.-04.12., *Theory of spin-relaxation in single and bilayer graphene* (**invited**)
- Graphene Flagship Meeting, Work-page 6–Spintronics, Amsterdam, Netherland, 09.-10.11., *Theory of spin-relaxation (not only) in bilayer graphene*
- Internal Workshop SFB 689, Abtei Frauenwörth, Frauenchiemsee, 05.-07.10., *Theory of spin-relaxation in bilayer graphene*

- ★ Mini-symposium, Slovak Condensed Matter Physics, Bratislava, Slovakia, 08.07., *Spin relaxation in graphene: resonances, SOC & magnetic impurities* (**invited**)
- ★ Theory Seminar, Riken, Tokyo, Japan, 19.03., *Fifty Shades of Graphene: A story of ultra-fast spin-relaxation* (**invited**)
- APS March Meeting, San Antonio, USA, 02.-06.03., *Theory of spin-relaxation in bilayer graphene*
- ★ Theory Seminar, USTC Hefei, China, 13.01., *Graphene spin relaxation: the role of adatoms and magnetic moments* (**invited**)
- ★ ICCP9, NUS, Singapore, 07-11.01., *Spin-orbit coupling in graphene with adatoms* (**invited**)

LANGUAGES:

Slovak (native)

English, Czech (fluent)

Russian (good)

German (level B2)

RECOMMENDATIONS CAN BE REQUESTED FROM:

Prof. Dr. Jaroslav Fabian,
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Prof. Dr. Igor Žutić,
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