List of publications

Jiří Pittner

Monography chapters

1. Bonačić-Koutecký V., Pittner J., Fuchs C., Fantucci P., and Koutecký J.:
   Quantum Chemical Investigation of Absorption Spectra of Small Alkali Metal Clusters; Molecular Dimensionality Transition (2D–3D),
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4. 5-th Central European Symposium on Quantum Chemistry, Zakopane, Poland (2006): *Multireference Brillouin-Wigner Coupled Cluster Method with Connected Triples*

5. 6-th Congress of the International Society for Theoretical Chemical Physics, Vancouver, Canada, July 2008: *An alternative formulation of the Mukherjee's State-Specific MRCC Theory with Simpler Coupling Terms*

6. Theory and Applications of Computational Chemistry (TACC) 2008, Shanghai, China, September 2008: *Efficient techniques for non-adiabatic molecular dynamics*

7. 3rd Japan-Czech-Slovak symposium, Bratislava 2009: *State-Specific Multireference Coupled Cluster Methods with Triexcitations: Brillouin-Wigner, Mukherjee, and Uncoupled Mukherjee Approaches.*

8. Eighth International Conference of Computational Methods in Sciences and Engineering (ICCMSE), Kos, 2010: *Recent Progress in Multireference Hilbert-space coupled cluster methods: triexcitations and R12 explicit correlation*

9. American Chemical Society Spring Meeting, Anaheim 2011: *Quantum computing applied to calculation of molecular energies*

10. The Seventh Congress of the International Society for Theoretical Chemical Physics (ISTCP-VII), Tokyo, 2011: *Towards quantum chemistry on quantum computers*

11. Recent advances in many electron theories - II (RAMET-II), Puri (India), 2011: *Recent Progress in Multireference Hilbert-space coupled cluster methods: Explicit correlation, Massively Parallel Implementation, and USS Corrections*

12. Central European Symposium on Theoretical Chemistry (CESTC 2012), Mariapfarr, 2012: *Multireference coupled cluster methods with explicit correlation*

13. The Eigth Congress of the International Society for Theoretical Chemical Physics (ISTCP-VIII), Budapest, 2013 *Recent Progress in Multireference Hilbert-Space Coupled Cluster Methods*

14. 5-th JCS Symposium on theoretical chemistry, Nara 2013 *Molecular dynamics with non-adiabatic and spin-orbit effects*

15. WATOC 2014, Santiago de Chile, 2013 *Molecular dynamics with non-adiabatic and spin-orbit effects*

16. QESC 2015 - ICQC 2015 Satellite symposium: Novel Computational Methods for Quantitative Electronic Structure Calculations, Kobe, June 2015

17. Theory and Applications of Computational Chemistry (TACC) 2016, Seattle 2016

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10. DMRG-based externally corrected coupled cluster methods, Czech Science Foundation, 2016-2018