

# Curriculum vitae - appendix

## Vojtěch Svoboda

### Selected publications as of October 30, 2024

- [1] M. Dimitrova, D. Lopez-Bruna, J.P. Gunn, J. Kovacic, V. Svoboda, J. Stockel, P. Ivanova, E. Vasileva, E. Hasan, R. Dejarnac, U. Losada, C. Hidalgo, and Tsv K Popov. Plasma properties in the vicinity of the last closed flux surface in hydrogen and helium fusion plasma discharges. *Plasma Physics and Controlled Fusion*, 66(7), 2024. Cited by: 0.
- [2] S. Abbasi, J. Mlynar, J. Chlum, O. Ficker, V. Svoboda, and J. Brotankova. Artificial neural network-based tomography reconstruction of plasma radiation distribution at golem tokamak. *Journal of Fusion Energy*, 43(2), 2024. Cited by: 0.
- [3] J. Vinklarek, S. Abbasi, G. C. Amanekwe, J. Buryanec, J. Brotankova, J. Cerovsky, J. Chlum, O. Ficker, D. Kropackova, L. Lobko, S. Malec, P. Macha, M. Odlozilik, M. Pokorny, V. Svoboda, and M. Tunkl. Tokamak GOLEM for fusion education - chapter 15. volume 48A of *Europhysics conference abstracts*, 2024.
- [4] P. Macha, J. Adamek, J. Seidl, J. Stockel, V. Svoboda, G. Van Oost, L. Lobko, and J. Krbec. Spontaneous formation of a transport barrier in helium plasma in a tokamak with circular configuration. *Nuclear Fusion*, 63(10), 2023. Cited by: 0; All Open Access, Hybrid Gold Open Access.
- [5] S. Abbasi, J. Chlum, J. Mlynar, V. Svoboda, J. Svoboda, and J. Brotankova. Tomographic reconstruction of plasma radiation distribution at golem tokamak plasma using fast visible cameras. 2023. Cited by: 0.
- [6] S. Kulkov, M. Marcisovsky, P. Svihra, M. Tunkl, M. Van Beuzekom, J. Caloud, J. Cerovsky, O. Ficker, E. MacUsova, J. Mlynar, V. Weinzettl, and V. Svoboda. Detection of runaway electrons at the COMPASS tokamak using a timepix3-based semiconductor detector. *Journal of Instrumentation*, 17(2), 2022. Cited by: 0.
- [7] J. Cerovsky, O. Ficker, V. Svoboda, E. Macusova, J. Mlynar, J. Caloud, V. Weinzettl, and M. Hron. Progress in hxr diagnostics at golem and COMPASS tokamaks. *Journal of Instrumentation*, 17(1), 2022. Cited by: 6.
- [8] M. Gryaznevich, J. Stockel, G. Van Oost, E. Del Bosco, V. Svoboda, A. Melnikov, R. Kamendje, A. Malaquias, G. Mank, and R. Miklaszewski. Contribution of joint experiments on small tokamaks in the framework of iaea coordinated research projects to mainstream fusion research. *Plasma Science and Technology*, 22(5), 2020. Cited by: 10.
- [9] L. Novotny, J. Cerovsky, P. Dhyani, O. Ficker, M. Havranek, M. Hejtmanek, Z. Janoska, V. Kafka, S. Kulkov, M. Marcisovska, M. Marcisovsky, G. Neue, P. Svihra, V. Svoboda, L. Tomasek, M. Tunkl, and V. Vrba. Runaway electron diagnostics using silicon strip detector. *Journal of Instrumentation*, 15(7), 2020. Cited by: 2.
- [10] P. Dhyani, V. Svoboda, V. Istokskaia, J. Mlynar, J. Cerovsky, O. Ficker, and V. Linhart. Study of runaway electrons in golem tokamak. *Journal of Instrumentation*, 14(9), 2019. Cited by: 1; All Open Access, Hybrid Gold Open Access.
- [11] Peter Svihra, David Bren, Andrea Casolari, Jaroslav Cerovsky, Pravesh Dhyani, Michal Farnik, Ondrej Ficker, Miroslav Havranek, Martin Hejtmanek, Zdenko Janoska, Vladimir Kafka, Petr Kulhanek, Vladimir Linhart, Eva Macusova, Maria Marcisovska, Michal Marcisovsky, Jan Mlynar, Gordon Neue, Lukas Novotny, Vojtech Svoboda, Lukas Tomasek, Jakub Urban, Pavel Vancura, Jozef Varju, Vaclav Vrba, and Vladimir Weinzettl. Runaway electrons diagnostics using segmented semiconductor detectors. *Fusion Engineering and Design*, 146:316 – 319, 2019. Cited by: 3.
- [12] Vojtech Svoboda, Maya Zhekova, Miglena Dimitrova, Plamena Marinova, Ales Podolnik, and Jan Stockel. Operational domain in hydrogen plasmas on the golem tokamak. *Journal of Fusion Energy*, 38(2):253 – 261, 2019. Cited by: 7.