

Publications incorporated in the doctoral thesis

- **[P1]** W. Skowroński, **S. Łazarski**, P. Rzeszut, S. Ziętek, J. Chęciński and J. Wrona, Influence of a composite free layer structure on thermal stability of perpendicular magnetic tunnel junction, **Journal of Applied Physics** 124, 063903 (2018). DOI: doi.org/10.1063/1.5032148
- **[P4]** **S. Łazarski**, W. Skowroński, J. Kanak, Ł. Karwacki, S. Ziętek, K. Grochot, T. Stobiecki and F. Stobiecki, Field-Free Spin-Orbit Torque Switching in Co/Pt/Co Multilayer with Mixed Magnetic Anisotropies, **Physical Review Applied** 12, 014006 (2019). DOI: 10.1103/PhysRevApplied.12.014006
- **[P7]** **S. Łazarski**, W. Skowroński, K. Grochot, W. Powroźnik, J. Kanak, M. Schmidt and T. Stobiecki, Spin-orbit torque induced magnetisation dynamics and switching in CoFeB/Ta/CoFeB system with mixed magnetic anisotropy, **Physical Review B** 103, 134421 (2021). DOI: 10.1103/PhysRevB.103.134421
- **[P9]** W. Skowroński, K. Grochot, P. Rzeszut, **S. Łazarski**, G. Gajoch, C. Worek, J. Kanak, T. Stobiecki, J. Langer, B. Ocker and M. Vafaei Angular Harmonic Hall Voltage and Magnetoresistance Measurements of Pt/FeCoB and Pt-Ti/FeCoB Bilayers for Spin Hall Conductivity Determination, **IEEE Transactions on Electron Devices** 68, no. 12, p. 6379-5385 (2021). DOI: 10.1109/TED.2021.3122999