



**Szczecin Cosmology Group**  
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## **Ph.D. studentships in fundamentals of cosmology**

Szczecin Cosmology Group at the Institute of Physics of the University of Szczecin invites applications for 2 Ph.D. studentships in fundamentals of cosmology which can also be verified by the observational data. The studies will begin on the 1<sup>st</sup> October 2018 and last for 4 years. The positions are funded by the Polish National Center for Research and Development through the University of Szczecin. The stipend will be 4000 PLN a month throughout the period. There is a possibility for a cheaper university supported accommodation, travel fund is available. The city of Szczecin is located near to polish border with Germany – 130 km away from Berlin with good access to international airports.

The research will deal with broad area of the particle physics and cosmology with the emphasis onto the alternative gravity theories and especially theories with variable physical constants, the multiverse models, quantum aspects of black holes, particle physics aspects of cosmology, cosmological singularities. Observational testing of some of these models will be the key issue of the project.

The deadline for applications is **15<sup>th</sup> July, 2018**. Applications should include CV, list of publications, a brief statement of research interests, a copy of graduate studies diploma (M.Sc.) and a copy of the thesis. Candidates should arrange for at least 1 letter of recommendation. Applications and recommendations should be sent by email to prof. M.P. Dąbrowski: [Mariusz.Dabrowski@usz.edu.pl](mailto:Mariusz.Dabrowski@usz.edu.pl).