

Seminarium Astrofizyczne
wtorek 12.06.2018 godz. 12:30
Hoża 69 Pawilon; sala 22

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Dark matter searches at Super-Kamiokande

Super-Kamiokande is an underground water Cherenkov neutrino telescope operating in Kamioka Mine, Japan. The latest results of the searches for dark matter induced neutrinos from the Sun, the Earth's core and the Milky Way based on atmospheric data collected with this detector in years 1996-2016 will be presented. Prospects for the detection of dark matter with the new generation of neutrino telescopes such as KM3NeT and Hyper-Kamiokande will be highlighted along with the potential contribution from the Polish groups to these projects.

Serdecznie zapraszam,
Agnieszka Majczyna