

## The WITCH experiment: campaign 2006 and perspectives

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The WITCH experiment aims to study a possible admixture of a scalar or tensor type interaction in beta decay by determining the beta-neutrino angular correlation from the shape of the recoil energy spectrum. The experimental set-up couples a double Penning trap system to form a scattering-free radioactive source and a retardation spectrometer to probe the recoil ion energy. The intensive commissioning of the set-up is ongoing at ISOLDE (CERN). The layout of the WITCH set-up and results of commissioning tests performed until now will be presented. Results of the data taken during 2006 (two beam times with  $^{124}\text{In}$ ) will be shown as well, presenting the first recoil ion spectrum obtained. Finally, perspectives of the physics program will be discussed.

**Author:** Dr KOZLOV, Valentin (Instituut voor Kern- en Stralingsfysica)

**Presenter:** Dr KOZLOV, Valentin (Instituut voor Kern- en Stralingsfysica)

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