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Measurements of the polarization of photons in ortho-positronium annihilation

Wednesday 26 April 2023 15:30 (30 minutes)

An overview of the previous measurements of the polarization of photons in positronium annihilations, with special emphasis on ortho-positronium annihilations, will be given. Possibilities for the measurements of the polarization of all three photons in ortho-positronium annihilations with single-layer Compton scattering detector systems developed at the Department of Physics in Zagreb as well as the first measurements will be presented.

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Session Classification: Positronium in fundamental investigations

Track Classification: Positronium in fundamental research