



Contribution ID: 55

Type: **not specified**

## Taking into account of hard photons in MOLLER experiment

*Wednesday 29 July 2015 16:40 (20 minutes)*

A method for taking into account radiative events with hard photon emission in experiments aimed at studying Moller scattering with polarized particles was developed.  
A computer code used to perform a numerical analysis with allowance for the kinematical conditions of the MOLLER experiment at the Jefferson Lab was constructed.  
The respective results were compared with their counterparts obtained in the soft-photon approximation.

**Author:** Dr ZYKUNOV, Vladimir (BelsUT)

**Co-authors:** Dr ALEKSEJEVS, Aleksandrs (Memorial University of Newfoundland); Dr BARKANOVA, Svetlana (Acadia University); Dr BYSTRITSKIY, Yury (Joint Institute for Nuclear Research)

**Presenter:** Dr ZYKUNOV, Vladimir (BelsUT)

**Session Classification:** CALC2015 Workshop