



Contribution ID: 57

Type: **poster**

## **The Role of the Time Delay in the Reflection and Transmission of Ultrashort Electromagnetic Pulses on a System of Parallel Current Sheets**

*Monday 1 July 2019 18:15 (2 hours)*

The reflection and transmission of a few-cycle laser pulse impinging on two parallel thin metal layers have been analyzed. This study means a generalization of an earlier work, in which the role of the collective radiative back-reaction of one layer has been derived.

**Authors:** VÖRÖS-KISS, Anett (University of Szeged); POLNER, Mónika (ELI-ALPS, ELI-HU Non-profit Ltd.); VARRÓ, Sándor (ELI-ALPS, ELI-HU Non-profit Ltd., Wigner Research Center for Physics)

**Presenter:** POLNER, Mónika (ELI-ALPS, ELI-HU Non-profit Ltd.)

**Session Classification:** Poster session 1