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4 March 2026

Manuscript submission to Optics Express

Dear Editor,

in our manuscript, we present a technical paper probing experimentally the property of a popular method claimed to emit thermal light (collecting light scattered of aground glass plate), to actually be close to the properties of actual thermal light sources. We do find that, while photon bunching is observed from that light, it does not meet the connection between first and second order timing correlation functions stated in the Siegert relation for thermal light, suggesting that light scattered off a rotating glass plate should be considered a pseudothermal light instead.

The relatively simple experiment we present can be applied to a variety of other pseudothermal light sources as well, in particular sources that recently attracted attention for sensing applications like range finding or lidar, and therefore believe our manuscript could be of interest to the wider optics community Optics Express addresses.

Looking forward for your reply!

With Best Regards on behalf of all authors,

Christian Kurtsiefer