

Im Rahmen des Seminars

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über

Laser optimization of perovskites for photovoltaic applications

Abstract:

Perovskite solar cells have recently gained much attention due to their numerous advantages such as low cost, ease of preparation, high efficiency and the possibility of usage in tandem solar cells. However, fabrication of high efficiency perovskite solar cells still remains challenging, due to issues such as defects and bad crystallinity of absorber material. These issues can be addressed in a straightforward way by optimizing the perovskite absorber with different laser treatment strategies. The aim of this talk is to point out advantages of current laser treatment approaches.