

化研 研究セミナー

Optoelectronic devices with Sn-based perovskites

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Prof. Iván Mora Seró is researcher at Universitat Jaume I de Castelló (Spain). He is leading The Group of Advanced Semiconductors at Institute of Advanced Materials (INAM) of UJI. His research has been focused on crystal growth, optoelectronic devices, transport and recombination properties, photocatalysis, electrical characterization of photovoltaic, electrochromic, and water splitting systems, making both experimental and theoretical work. Recent research activity is focused on new concepts for photovoltaic conversion and light emission (LEDs and light amplifiers) based on nanoscaled devices and semiconductor materials following two mean lines: semiconductor quantum dots and lead halide perovskites, been this last line probably the current hottest topic in the development of new optoelectronic devices.

鉛フリーペロブスカイト半導体の研究で優れた研究成果を上げている Iván Mora Seró 教授に講演いただきます。皆さまのご来聴をお待ちしております。

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