

Perovskite Materials Synthesized in an Aqueous Phase and Their Future

Faculties:

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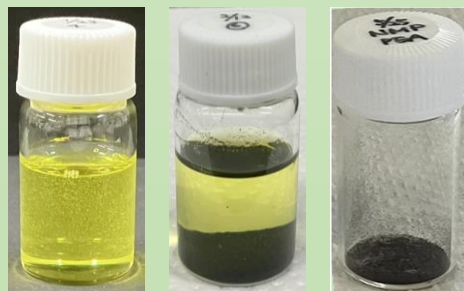
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Starting date: 4th October, 16:20

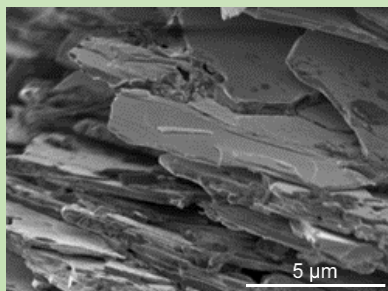
Location: The fourth lecture room of “Ecollab” (A55)

Perovskite materials are attracting worldwide attention as photoactive materials for next-generation solar cells because of their facile preparation and excellent light absorption/electronic properties. To realize "sustainable manufacturing," the preparation of perovskite materials based on processes that minimize toxicity and environmental impact is highly required.

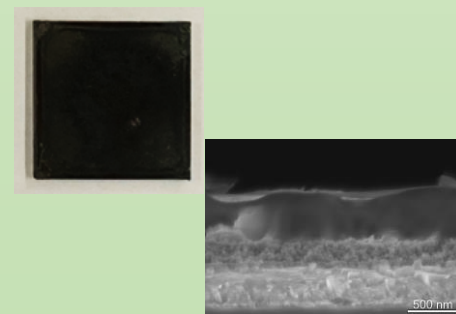
Participants will synthesize perovskite materials in a facile and environmentally friendly manner and evaluate the resulting materials using microscopic and spectroscopic analyses. Let's discuss the future of perovskite materials!



Synthesis of perovskite materials
in an aqueous phase



Microscopic analysis



Application and evaluation
for photoactive layers of solar cells