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## **Vacuum deposited small molecule and perovskite solar cells**

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In this talk, I will show the recent progress of vacuum deposited small molecule and perovskite solar cells in my laboratory. Vacuum fabrication possesses several promising characteristics such as mature facilities, large-area uniformity and nanometer-scale thin-film thickness controllability. However, there are still many challenges ahead for vacuum deposition devices. I will also address the main issues and some solutions in the presentation.