

## Special Issue

# New Generation Solar Cells: Stability, Scale up and Economics of Perovskite Solar Cells

### Message from the Guest Editors

New and emerging perovskite solar cells (PSCs) are approaching the conversion efficiency of 24% mark. These material-based solar cells have adopted ABX<sub>3</sub> perovskite structure based organic–inorganic hybrid compounds. From the commercialization point of view, PSCs can offer lower production cost with higher conversion efficiency than the silicon or thin film solar cells. However, the stability of the devices and concern regarding toxic materials usage are the major challenges for their commercialization. This Special Issue focuses on the issues of stability, scalability, and environmental and economic concerns regarding PSCs. Moreover, this special issue will give complete overview on the issues related to the PSC commercialization.

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### Deadline for manuscript submissions

closed (20 March 2019)



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