

# JOM Call for papers

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## ***Energy Materials: Production and Characterization (By Invitation Only)***

This topic focuses on materials research directed for the production and characterization of materials of potential use in energy conversion, energy technologies, and energy sustainability. The topic covers a broad range of energy-related topics including photovoltaics (PV), solar fuels, bio-mass to liquid fuels, thermoelectric materials, electrode materials for batteries, hydrogen storage, and energy saving catalysts for the chemical industry. Topics include but are not limited to: Bulk and thin films of groups III-V and II-VI solar cell material; transparent conducting oxides; nanostructures used in solar cells; tunable bandgap semiconductors; silicon wafers, thin films and solar cells; H<sub>2</sub> storage materials; and hybrid (organic/ inorganic) PV cells.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:

<http://www.tms.org/AuthorTools/>

**Keywords for this topic:** Advanced Materials; Characterization; Energy Conversion and Storage; Synthesis and Processing; Thin Films and Interfaces; Fuel Cells; energy storage; Modeling and Simulation

**Guest Editor(s):** Erol Kurt and Shadia Ikhmayies:

[ekurt52tr@yahoo.com](mailto:ekurt52tr@yahoo.com); [s.ikhmayies@ju.edu.jo](mailto:s.ikhmayies@ju.edu.jo);

[shadia\\_ikhmayies@yahoo.com](mailto:shadia_ikhmayies@yahoo.com)

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