



International Conference on Electrical, Electronics & Optimizations Techniques

3rd – 5th March, 2016 | Tamil Nadu, India.

Session Title - Solar cells (SC)

Theme and aim of the special section:

The world needs engineering and technological solutions that are environment friendly. Hence, the theme “Solar cells” constantly strives to design and develop products with environmental benefits. Renewable energy products powered by the sun are ideally suited to small off-grid applications, which are good not only for rural, remote areas, but also for cities and towns. The progress in solar energy has been driven by the fields of optics, solid-state physics, thermal science, material science and electrical science. They play a key role in the development of present and future solar energy technologies. The aim of this section is to improve the competitiveness of solar energy. Optical elements are used for collecting, guiding, concentrating, coupling, trapping, transforming and absorbing the light in solar energy systems. All these areas are experiencing rapid progress, which strongly relies on the advances in efficiency, cost, and reliability of their optical elements. Fundamental and applied concepts include the design, modeling, optimization, integration, experimental evaluation, manufacturability, reliability, and techno-economics of solar energy systems, as well as the use of novel materials in all aspects of such systems.

Topics:

- Solar thermal, concentrating photovoltaics
- Inorganic solar cells
- Organic solar cells
- Bulk heterojunction solar cells
- Dye sensitized solar cells
- Perovskite solar cells

Special Session Coordinator Details

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All papers will be published by IEEE Xplore and will be index by SCOPUS

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We are organizing a special session on “**Solar cells**” in The IEEE International Conference on Electrical, Electronics & Optimizations Techniques (ICEEOT-2016). During 3rd – 5th March, 2016 in the city of Tamil Nadu, India.

Special Session Submissions can only be submitted to the Session Coordinator Mail Id - cosreekala@gmail.com

Publication of Conference Papers (Special Sessions)

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