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Selected Papers from IEEE ICASI 2017

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Deadline for manuscript submissions:

closed (31 October 2017)

Message from the Guest Editors

Dear Colleagues,

The 2017 IEEE International Conference on Applied System Innovation (IEEE ICASI 2017) will be held in Sapporo Japan on 13~17 May 2017, and will provide a unified communication platform for material topics. The scope of IEEE ICASI 2017 not only encompasses material sizes at the nanoscale, but also in various dimensions where the onset of size-dependent phenomena usually enables novel applications.

This Special Issue selects excellent papers from IEEE ICASI 2017 and covers the following topics: fundamental and advanced materials of electrical and mechanical engineering; synthesis and engineering; application on optical sensors, magnetic, acoustic, and thermal transduction; integration with many elements; designing of electrical or mechanical devices; evaluation various performance; and exploring their broad applications in industry, environmental control, material analysis, etc. We invite investigators to contribute original research articles or reviews to this Special Issue.

Professor Shoou-Jinn Chang

Prof. Teen-Hang Meen

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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