

Article Guidelines

The mission of *Interface* is

- to provide a forum for the lively exchange of ideas and news among members of ECS and the international scientific community at large;
- to stimulate awareness of ECS as a leader on the technology frontier through presentation of broad-based technical features and highlights from the field; and
- to communicate ECS news, information, and activities to its members and the scientific community.

Issues often highlight one of the Society's Divisions by presenting the state of the technology of that Division's field, as well as featured articles on that subject area. These contributions should be coordinated through the *Interface* Advisory Board member of the appropriate Division. Other timely articles of general interest to ECS also may be contributed. Articles submitted to *Interface* should be written for a diversified scientific audience, with a broad introduction and wide scope; so that newcomers to that particular field can understand the issues, and with enough depth that experts in the field will find the article interesting.

Each Division appoints to the *Interface* Advisory Board a representative whose duties include:

- notifying the Division Executive Committee of decisions made by the Advisory Board;
- organizing the materials/information necessary for the issue of *Interface* that features the Division; and
- submitting to the Editor other technical and general information of related interest to the Division.

Using the following guidelines will improve and tailor articles for *Interface*:

Article titles should be short and eye-catching. An abstract is not necessary. Color is available for figures, photographs, and tables and should be used where possible. Distinguished, high-quality figures or photos are welcome and will be considered for use on the cover. Articles should be no more than 3,000 words in length, with up to five figures and/or tables. The authors should provide a short statement showing their respective affiliations and positions. (Please refer to articles in past issues of *Interface* for an example.) Authors must submit typewritten, double-spaced manuscripts with original figures to the Editor. Articles should be submitted electronically to the Editor at: rajeshwar@uta.edu. Upon acceptance of the manuscript for publication, authors will be requested to submit the final version of their article by e-mail. In general, the Instructions to Authors for the *Journal of The Electrochemical Society* should be followed for manuscript preparation. There are no page charges for publication, nor payments for accepted articles or photographs. To be considered for a specific issue of *Interface*, articles must be submitted to the Editor by the following deadlines.

SpringDecember 1
SummerMarch 1

Fall May 1
Winter August 1

Spring 2013—SPECIAL MEETING SECTION on the **223rd ECS MEETING IN TORONTO, CANADA**, May 12-16, 2013. See who's giving special talks, plan to learn a new technology area in one of the Short Courses, attend the Career Fair, and re-connect with friends and colleagues. Early-bird deadline for hotel reservations is April 12, 2013.

THE TRANSISTOR AND ITS MANY FACETS will be featured in the spring 2013 issue. Guest edited by Jerzy Ruzyllo, the issue will include four articles that reflect the diversity of transistor designs: **Suman Datta** reviews "Recent Advances in High Performance CMOS Transistors – from Planar to Non-Planar (3D)." **Krishna Shenai** moves the discussion of transistor evolution to the opposite end of the spectrum in a paper entitled, "Switching megaWatts with Power Transistors." In a paper entitled, "Thin Film Transistor Technology-Past, Present and Future," **Yue Kuo** discusses a path in transistor evolution that is concerned with thin film transistor (TFT) technology. To round out the feature articles, there is a paper on "Graphene Transistors and Photodetectors" co-authored by the team of **A. V. Klekachev, A. Nourbakhsh, I. Asselberghs, A. L. Stesmans, M. Heyns, and S. De Gendt**.

Article Submission Deadline December 1
 Advertising Closing Date.....January 15

Summer 2013—SOLAR ENERGY (Details: Guest edited by **Nianqiang "Nick" Wu**, the issue will include four articles that reflect the most abundant, clean, renewable energy source. **Akira Fujishima, Kazuya Nakata, Tsuyoshi Ochiai, Donald Tryk, and A. Manivannan** present a perspective on recent aspects of photocatalytic materials constructed at different dimensions. **Kazunari Domen and Jun Kubota** highlight oxynitride and nitride semiconductor photocatalysts for the production of solar hydrogen. **Nianqiang (Nick) Wu and Scott Cushing** provide new insight into the plasmon-enhanced solar energy harvesting. In addition, a symposium on "Renewable Fuels from Sunlight and Electricity" was held at PRiME 2012. The research theme of this symposium was focused on the development of materials and devices for hydrogen generation and CO₂ conversion to fuels. The research activities reflected by symposium are described by the paper of **Heli Wang, Deryn Chu, and Eric L. Miller**.

Article Submission Deadline March 1
 Advertising Closing Date..... May 1

Fall 2013—FULLERENES, NANOTUBES, AND CARBON NANOSTRUCTURES

Article Submission Deadline May 1
 Advertising Closing Date..... July 1

Winter 2013—HIGH TEMPERATURE MATERIALS

Article Submission Deadline August 1
 Advertising Closing Date..... October 15