

## **Editorial Foreword to Issue No. 40**

April 28, 2017 (E40). This Issue of the Superconductivity News Forum is in several ways different from other issues – it is devoted to Electronics only and does not contain contributions for the Large Scale and Materials Sections, because of conference and workshop timing and a lack of other submissions. This issue is not yet available on the newly designed web home page that was announced in the last Editorial Foreword – things are often slower than one hopes for. However, the new web page development has progressed very well and you can expect to see the next Issue No. 41 finally in a new design.

Most of this Issue is devoted to selected presentations from two workshops, the KRYO 2016 held in October and [IWSSD 2016](#) (see [HE111](#)) held in November of the past year. In both cases a range of subjects is covered, from rather technical or auxiliary, through innovative to those on the edge of physics research. However, even in more engineering-oriented presentations we selected those pointing to the future. This is the case, for example, of the presentation STP574 by H. Bluhm et al., which does not directly address superconductivity, but in spite of this is highly relevant to those interested in perspective views on future quantum computing.

The IWSSD 2016 included in its program the superconductive electronics standardization and this session is covered in the report paper by M. Ohkubo (ST575). We also feature a regular SNF paper by A. Matlashov et al. (ST569) on “Inductive De-fluxing of Superconducting Quantum Interference Devices”. This paper extend the ASC 2016 publication to HTS magnetometers and provides additional experimental information.

The Issue begins with a New Results Highlight STH47 (HP124) on routine clinical use of MCG (diagnostic magnetocardiography) in Tsukuba University Hospital (Japan).