

## Editorial Foreword

January 31, 2019 (E46). As always after an ASC conference, the first Issue of SNF contains a number of papers and slides of talks, some of them annotated, that were presented at the ASC 2018 in Seattle. In this first Issue of 2019, you will find contributions in all three divisions of SNF: Large Scale, Materials, and Electronics. The papers have been submitted to the *IEEE Transactions on Superconductivity* and are pre-published in SNF as especially important papers. The Issue is complemented by two contributions from CCA 2018, held in Vienna.

This Issue also signals a change in a number of areas in the organization of SNF. In short, members of the Editorial Board are invited to serve for two years; the current Editorial Board will serve until the end of 2020. Board members can be renewed for 2-year periods without limit. The same holds true for the Associate Editors – who are currently serving until the end of 2020.

Susan Butler, the 2018 IEEE Max Swerdlow Awardee, recently joined the Editorial Board and will advise SNF with regards to broadening the forum to include an increase in female and young researchers. Additional nominations will follow, replacing retired members of the Editorial Board.

There will also be changes in the composition of the Associate Editor Group in order to strengthen and intensify the interaction between the fields represented by the Associate Editors and the Editorial Office. Additionally, the Editor-in-Chief role will now have a term limit of two years, which is extendable twice for a total of six years.

It is with some sadness that I announce the retirement of Kenichi Sato from his Co-editorship for Large Scale Superconductivity after the publication of this Issue. He joined the Superconductivity News Forum in July of 2014 and proved himself an integral link between the Large Scale Superconductivity Community and SNF. In addition, he strongly represented the Asian part of our community in the Editorial Office. Kazuhiko Hayashi of Sumitomo Electric Industries will take over the tasks of Kenichi Sato beginning February 2019.

Because Superconductive Electronics has become so vast, it was decided to split the field into analog and computing sections; the first representing SQUID developments and applications, and analog high-frequency applications like oscillators, detector, and mixers. The latter representing digital and quantum computing. It is with great pleasure that I announce Ronny Stolz of the IPHT in Jena/Germany as Co-editor for Analog Superconductive Electronics following the publication of this Issue.

Scott Holmes, Co-editor for Electronics since May 2017, will retire from his Co-editorship with this Issue. We are grateful for his contributions and for all the work invested in this nearly impossible task to cover the whole area of Superconducting Electronics for SNF. A successor covering the field of superconducting computing will be announced shortly.

Further changes in the near future, such as an updated version of our website in conjunction with the update of the IEEE CSC website, and the introduction of Junior Co-editors. But this is left to future announcements.

With all of these changes, we intend to modernize SNF and intensify the reader/forum interaction. We hope that the readers of this Issue will find it informative and interesting – both personally and for your professional work. Finally, we hope that the value of SNF for the readers increases with each Issue. Feedback is very welcome.

Horst Rogalla and the SNF Editorial Team