

Editorial Introduction to Issue 22

November 27, 2012 (E22). This Special Issue No. 22 is devoted to papers presented at the Applied Superconductivity Conference (ASC) 2012 held in Portland, OR, USA, from October 7 to 12, 2012.

All the plenary slide presentations are now accessible at the [ASC2012 Plenary Presentations](#) page and we provide a link to these from the content page. We hope to assure access to these presentations also after the ASC 2014 takes over the website. Two of plenary presentations, one by Don McDonald and another by John Rowell, opened the Special Session "Josephson 50th Anniversary". The following four talks of this session were invited, but not plenary. All six were video recorded thanks to CSC-sponsorship and are currently in editing. We will announce the release of these recordings separately, once available.

Of the 66 invited ASC presentations only 24 manuscripts have been submitted for possible publication in *IEEE Trans. Appl. Supercond.* vol. 23 (2013). Of these, we are pleased to pre-publish 10. We also include three invited slide presentations, of which one is annotated, the other two rather clear without annotations. In principle, we have been accepting presentations not written down as ASC paper manuscripts. Additional such presentations may appear in the January 2013 issue of ESNF.

After we announced the contest for best ASC contributed papers, we received 48 manuscripts. Only those rated by ESNF reviewers "excellent" or "very good" (18 all together) are included in this issue. Those rated "good" may appear in the January 2013 issue.

A highlight on ASC 2012 by the Chair of the Conference is also provided.