Special Issue: Selected papers from the 15th Nordic Symposium on Tribology

The Nordic Symposium on Tribology (NordTrib) was first hosted in Tampere, Finland in 1984. Since then the NordTrib has been held biennially in Finland, Sweden, Norway and Denmark respectively. Since the first edition in Finland, this Symposium has become an international venue for the tribology community, intended as a forum where researchers and scientists exchange knowledge and ideas, and contribute with their frontier research in tribology. The 15th NordTrib Symposium (NordTrib 2012) was organized by the Tribology Group in Trondheim, Norway from 12–15 June 2012.

The Tribology Group in Trondheim was created in 2008 by the joint efforts of the Norwegian University of Science and Technology (NTNU) and SINTEF, becoming a strategic collaboration between SINTEF and NTNU for coordinating and developing tribology activities in Norway.

The 15th Symposium was a highly successful event, and was attended by 162 participants, including 58 PhD students, from 22 countries, contributing with 126 papers. The oral presentations were spread over 27 sessions (including 4 plenary sessions) and a poster session. The contributions included a wide range of topics from basic research to industrial applications, bio tribology, sports and hobbies.

Selected papers by the NordTrib Advisory Board were proposed for publication in the journals Journal of Engineering Tribology, Wear, Tribology Letters and Tribology International. The selected papers for this Special Issue of the Journal of Engineering Tribology cover an interesting and wide range of topics including polymers, coatings, modelling, friction, wear, lubrication, bearings, clutches and brakes.

Finally, the organizing committee would like to thank all participants for making this a very nice event and for sharing their research and knowledge. The Guest Editors are especially thankful to all the reviewers who promptly agreed to review the papers.

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