
Foreword

The 17th Scandinavian International Conference on Fluid Power, SICFP'21 was held online due to COVID19 pandemic on June 1–2, 2021. The conference was hosted by Division of Fluid and Mechatronic Systems at Linköping University. The conference is arranged on a biannual basis alternating between Linköping University (LiU) and Tampere University, (TUT). As the conference editor, in agreement with the Editorial Board of the International Journal of Fluid Power (IJFP), we decided to edit this special issue to provide the whole technical community the opportunity to further explore the top ranked contributions to the symposium. The top five ranked papers from the review process were selected and the authors agreed to update their papers and submit to the journal special SICFP issue. All original papers for the conference had gone through a review process with at least two independent international reviewers, involving also the Editor in Chief. The published papers are from a wide range of fields within fluid power, such as industrial application, mining, and off-road equipment. It is evident that fluid power is in a stage of rapid transformation, as requirements on efficiency and environmental compatibility are having a real impact on component and system design.