

## Preface

The Conference Vacuum Heat Treatment and Heat Treatment of Tools was held on November 20 - 21, 2018 in Puchov, Slovakia, in the beautiful valley of the river Váh. The conference was focused to all aspects of vacuum treatments of metallic materials, and to the tool steels and their treatments. The published papers cover different fields of the main conference topic, such as heat treatment of tool steels in vacuum, thermo-chemical treatment of tool steels, cryogenic treatments, interrelationships between the treatment parameters, obtained microstructures and resulting mechanical properties, distortion behaviour of components, and wear performance of tools and engineering components. The Editor of this special issue of the journal Defect and Diffusion Forum wish to thank the organizers of the Conference, all the authors of papers as well as other attendants for nice and fruitful atmosphere of the conference.

prof. Peter Jurčí  
Editor