

Preface

After the first European Symposium which took place in Germany in 2010, the second European Symposium has been organized in France, on the French Riviera, in Giens on May 12–16, 2014. The main aim was to highlight new initiatives and future growth opportunities for Ni and Co base superalloys. Specifically, recent advances in the understanding of their performance behaviour and processing which justify their economic integration into an increasing number of industrial systems.

In addition to the usual topics (e.g. mechanical properties, alloy development, in-service degradation...), special attention has been paid to modelling tools which enable the prediction of mechanical behaviour as a function of the processing parameters and the implementation of microstructure-sensitive models to develop higher performing materials through improved engineering processing.