Preface

Resource Efficient Material and Forming Technologies

During times of climate change and the shortage of raw materials, it is of increasing importance to deal with topics regarding resource-efficiency. Energy-efficient manufacturing processes, innovative plant and technology concepts as well as an economic usage of valuable resources are of great significance. An additional need is a holistic consideration of semi-finished and finished products to evaluate life cycle of materials. Furthermore, an efficient quality management system will help to fulfil customer requirements and decrease costs. New developments and current trends in terms of material science and forming processes focus on mentioned aspects. In particular, Industry 4.0 promises to realize an integral approach towards an optimal usage of all valuable resources along full process and application chain.

Hence, it is our pleasure to host the 26th MEFORM conference on March 21st to 23rd, 2018 dealing with "Resource Efficient Material and Forming Technologies". The conference focuses on metal forming and addresses researchers and engineers from industry and academia. We will provide new insights and information about innovative developments by offering lectures, a poster session and an industrial exhibition. The traditionally casual atmosphere offers an ideal possibility for interesting discussions with colleagues and experts to expand the own network.

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