

# Preface

This special issue is fully dedicated to the recent achievements in the development of modern welding technologies.

Laser Welding, Resistance Spot Welding, Friction Stir Welding, Dissimilar Lap Joints, etc. are joint technologies that are widely used for the production of structural elements and equipment in modern machine production. The technological features of various welding processes, structural and mechanical properties of finished welded products, welds microstructure and phase transformation processes in explosive welding of metal sheets, etc. are analysed in this edition.

The presented special publication will be helpful to specialists whose activity is related to welding processes in machine production.