

Preface

This edition presents the latest research results and innovative solutions in materials science and technologies for materials synthesis and processing.

The topics of this issue are modern biomaterials for implantation, some technologies for metal processing including rotary friction welding and electron beam brazing, thin films and nanocomposites for electronic and energy storage applications, technologies of fuel production, latest technologies and procedures of wastewater treatment and waste recycling, some innovative building materials.

The issue will be interesting and helpful to engineers whose activities relate to biomedicine, the mechanical engineering industry, chemical production and construction.