

## Keywords index

<b>Ab-initio calculation</b>	177	<b>Manufacturing and processing</b>	182
Abrasive wear	147	Materials	115-147
Adhesion	165	Mechanical alloying	141
Al-alloys	151	Mechanical properties	147, 157, 182
Aluminum	157	Metallic alloys	129, 141
Amorphous materials	135	Metallography	129
Analysis and modelling	177-193	Methodology of research	172
<b>Blended learning</b>	204	Microstructure	157
Bulk metallic glasses	135	Moodle	204
<b>Ceramic powder</b>	187	<b>Pin-on-disk</b>	172
Ceramics	115	Plasma nitriding	165
Coatings	165	Powder Injection Moulding	193
Composite materials	121	Powder metallurgy	141, 157, 193
Composites	147	Properties	151-165
Computer supported education	204	<b>Quality management system</b>	197
Corrosion resistance	121	<b>Research</b>	197
<b>Dissimilar Cu/CuZn30 joint</b>	182	Sintering	157
Diversifying power of a task	204	Soft magnetic properties	135
Dry friction	172	Strength undermatching	151
<b>Education</b>	197	Stress corrosion cracking	177
Education and research trends	204	Structure	121, 165
E-learning	204	Surface treatment	187
Electrical conductivity	129	<b>TBCs</b>	115
<b>Feedstock</b>	193	Tensile test	177
Friction stir welding	151	Thermal conductivity	115
FSW	182	Thermal properties	135
Functional materials	129	Tool materials	193
<b>Heat treatment</b>	187	<b>University</b>	197
High power diode laser	187	<b>Vacuum</b>	172
Industrial management and organisation	197	<b>Wear</b>	172
Infiltration	121	Wear mechanisms	172
<b>Joint performance</b>	151	Wear resistance	165
Laser-flash method	115	Welding	182