



## Keywords index

Abrasive wear resistance	121	Materials	69-89
Amorphous materials	105	Materials manufacturing and processing	109
Artificial neural networks	105	Mechanical properties	93
<b>Biocompatibility</b>	77	Metal sintering	109
Biomaterials	77	Metallic alloys	73, 81, 85
<b>Carbon/epoxy composites</b>	101	Methodology of research, analysis and modelling	105
Casting	117	Microstructure	73, 85
Composites	69, 89	Mössbauer spectroscopy	81
Computational material science	105	<b>Nanomaterials</b>	109
Corrosion resistance	77, 89	Nanostructure	121
Crystallite size	109	Non-destructive testing	101
Cutting tool	97	Normal distribution model	97
<b>Electron microscopy</b>	73, 85	<b>Pitting corrosion</b>	77
Engineering polymers	69	Polymer processing	69
Erosion wear resistance	121	Powder metallurgy	109
<b>Fibre content</b>	101	Precipitation hardening	93
<b>GMA surfacing</b>	121	Properties	93-101
Grooved roll	117	<b>Reliability assessment</b>	97
<b>High Power Diode Laser (HPDL)</b>	113	Rietveld refinement	81
High Speed Machining (HSM)	97	Roll surface	117
<b>Injection moulding</b>	69	<b>Surface treatment</b>	113
Intermetallic phase	85	<b>TAZ</b>	93
Iron aluminides	81	Thermography	101
<b>Laser cladding</b>	113	Tool wear	97
Long range ordering	81	Twin roll caster	117
<b>Magnesium alloy</b>	113	<b>Welding</b>	121
Magnetic properties	105	<b>X-ray phase analysis</b>	81