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Materials Scientists, Metallurgists, Mechanical Engineers, Ceramists

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**Keywords**
The keywords for *Materials Science and Engineering A* are separated into four categories:

- **A. METHOD OF INVESTIGATION**
- **B. MATERIAL OR CONSTITUTING PHASE(S)**
- **C. PROCESSING METHOD**
- **D. INVESTIGATED PHENOMENON**

**meth** A. **METHOD OF INVESTIGATION**
characterization
electron microscopy
finite element analysis
first principles
fracture mechanics/fracture behaviour/fatigue
hardness
micromechanics
modelling/simulations
phase diagrams
simulations
stress/strain measurements
thermal analysis
X-ray analysis
other

**mat** B. **MATERIAL OR CONSTITUTING PHASE(S)**
aluminium alloys
amorphous materials
biomaterials
ceramics
composites
copper alloys
glass
intermetallics
iron alloys
magnesium alloys
nanocrystalline materials
nickel alloys
other materials
other metallic alloys
shape memory alloys
titanium alloys

**proc C. PROCESSING METHOD**
casting methods
coatings
laser methods
plasticity methods
powder methods
surface phenomena

**phen D. INVESTIGATED PHENOMENON**
grains and interfaces
phase transformation
plasticity