

## Journal

of Achievements in Materials and Manufacturing Engineering

VOLUME 34 ISSUE 1 May 2009

## **Keywords index**

Actuators	23	Impact energy	7
Aluminium	95	Inverse Stefan Problem	63
Aluminium alloys	47		
Amorphous materials	15	Machining	87
Analysis and modelling	55	Manufacturing and processing	71-95
Applied mechanics	55	Mastitis	39
Artificial intelligence methods	63	Materials	7-31
		Mechanical properties	7, 47, 87
Cast iron	95	Milk	39
Casting	63, 71, 95	Modification	71
Composite materials	79		
Composites	31	Non-Destructive testing	31
Continuous system	55	Numerical models	31
Crystallization	15	Pedestrian safety system	23
Degradation	31	Properties	39, 47
Degradation	7	PVD	79
Degradation after exposure test	87		
Depth of cutting		Sintering	79
Dynamic properties  Electric conductivity	87 39	SMA	23
		Smart materials	23
· · · · · · · · · · · · · · · · · · ·	39	Soft magnetic properties	15
Electric properties	95	Somatic cells	39
Electromagnetic field Eutectic solidification		Structural relaxation	15
	71	Structure	7, 47
Exact and approximate methods	55		
FGM	70	Thermo analysis	47
	79	Tool materials	79
Grain refinement	71	UMSA	47
Hardness	7	Vibrating beam	55