

Metallic Glasses and their Composites		
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B1.II	Summary	
	<p>The “Metallic glasses and their composites” symposium is aimed to promote international scientific and technological exchanges on the recent progress in synthesis, processing, properties and applications of metallic glasses. Stimulated by the high demand for new materials with enhanced mechanical, chemical and physical properties, metallic glasses and composites containing glassy or metastable phases are currently at the cutting edge of metal research. These materials exhibit unique technological properties which often surpass those of conventional functional and structural materials and are therefore attractive for “high-end” applications. Today, improvement in the processing of such materials is essential to promote their widespread application. The symposium covers topics (but is not limited to) such as rapid solidification, powder metallurgy, bulk metallic glasses, thermoplastic forming, glass-forming ability, thermal stability, structure, and physical, chemical, thermal, magnetic, mechanical and biological properties. Contributions from both theoretical and experimental points of view are welcome. Interaction between academia and industry is highly encouraged.</p>	