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Collana	Rapid Prototyping Journal, , 1355-2546 ; ; Volume 21, Number 2
Disciplina	670.427
Soggetti	Rapid prototyping Systems engineering Computer simulation
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Cover; Editorial; Processing of metal-diamond-composites using selective laser melting; Expanding the applicability of FDM-type technologies through materials development; Stress-limiting test structures for rapid low-cost strength and stiffness assessment; In vitro assessment of laser sintered bioactive glass scaffolds with different pore geometries; A survey of sensing and control systems for machine and process monitoring of directedenergy, metal-based additive manufacturing; Experimental-assisted design development for an octahedral cellular structure using additive manufacturing An exploration of binder jetting of copperEnhancing the resolution of selective inhibition sintering (sis) for metallic part fabrication; Negative stiffness honeycombs for recoverable shock isolation; Effect of second-phase doping on laser deposited Al2O3 ceramics; Powder-bed-based 3D-printing of function integrated parts; Towards a sustainable and economic selection of part candidates for additive manufacturing
Sommario/riassunto	This issue is a collection of the best papers from the 2014 SFF Symposium. This 3-day meeting was held in Austin, Texas August 4-6, 2014. It drew 334 researchers from universities, companies and national laboratories from all over the world, representing 17 countries. There were 199 talks and posters presented at this annual meeting.

Based on evaluations of each presentation at the conference, 12 papers were identified as best papers from the conference. These are included in this special issue. The content represents the breadth of AM research
