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COVER
A 36x enlarged triply periodic porous cube of photocured polymer, 60 millimeters in total length, shown reflected off a pool of uncur- ed resin. Computer-aided design makes it possible to tailor materials with control over porosity, pore size, and mechanical properties. These materials may subsequently find use as scaffolds for tissue engineering and cell-laden hydrogel constructs. See the special section starting on page 899 for a series of articles on biomaterials.

Fabrication: Ferry P. W. Melchels, Jan Feijen, Dirk W. Grijpma;
Photograph: Nikki Hamers
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928 Electrically, Chemically, and Photonically Powered Torsional and Tensile Actuation of Hybrid Carbon Nanotube Yarn Muscles
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936 Coherent Phonon Heat Conduction in Superlattices
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939 Evidence for a Dynamo in the Main Group Pallasite Parent Body
J. A. Tarduno et al.
Some pallasite meteorites might have formed when liquid FeNi from an impactor was injected into their parent body’s mantle.
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942 Evidence for Early Hafted Hunting Technology
J. Wilkins et al.
Damage on 500,000-year-old stone points implies their use on spears, perhaps by the ancestor of Neandertals and Homo sapiens.
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946 Financial Costs of Meeting Global Biodiversity Conservation Targets: Current Spending and Unmet Needs
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953 Orbitofrontal Cortex Supports Behavior and Learning Using Inferred But Not Cached Values
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963 Salmonella Inhibits Retrograde Trafficking of Mannose-6-Phosphate Receptors and Lyssosome Function
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968 Convergent Evolution Between Insect and Mammalian Audition
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975 A Genomic Regulatory Element That Directs Assembly and Function of Immune-Specific AP-1–IRF Complexes
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