

ПН^В
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IN DEVELOPMENT

Babies Rapidly
Learn Language

MEDICINE

Nanotech That
Diagnoses Disease

AGRICULTURE

Threat to Olives
from Bacteria?

SCIENTIFIC AMERICAN

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Master Builders

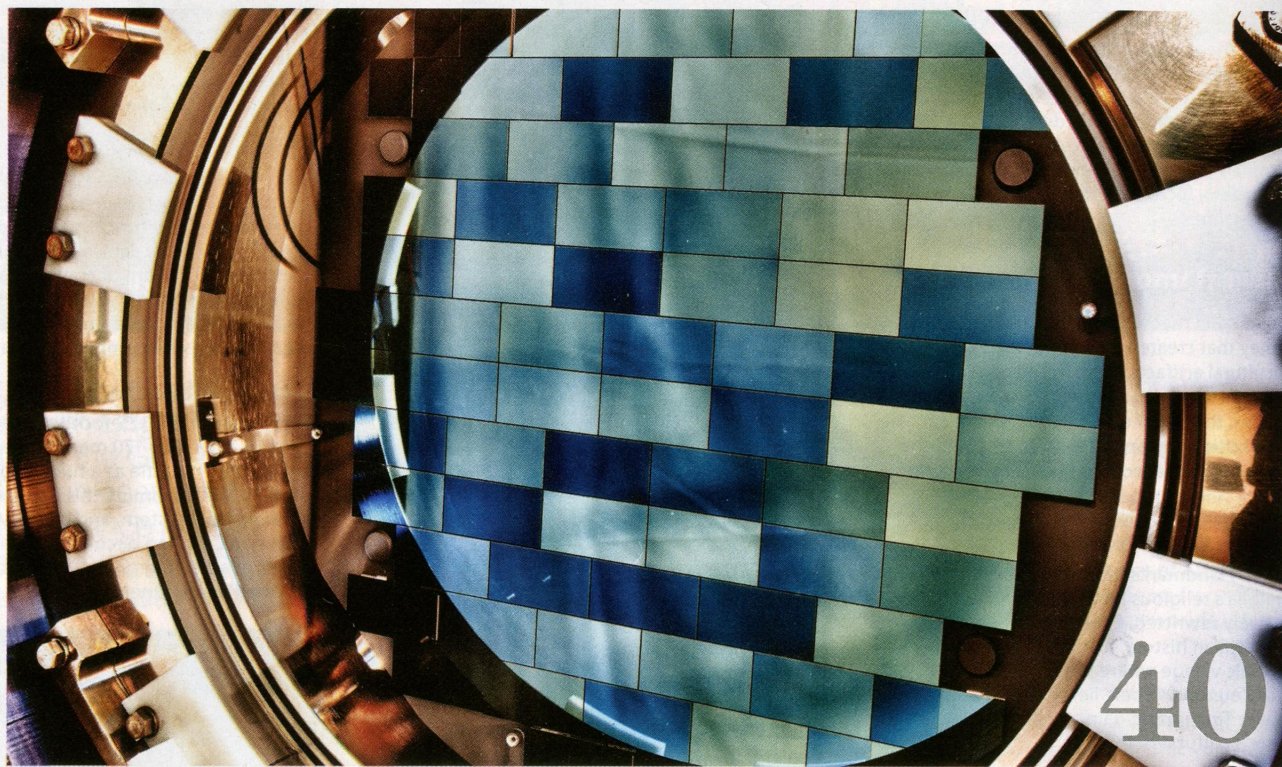
They didn't just move stone.
They also were part
of a social network
that changed
the world

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The workers who built Egypt's most famous structures did not just drag stone blocks. They were a highly organized, elite labor force that used extensive trade networks to acquire building supplies.

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Before we start sharing our lives with robots, we must teach them to understand and mimic human emotion.

By Pascale Fung

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An infant is a natural-born linguist capable of mastering any language.

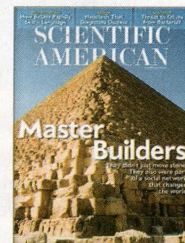
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Our sense of the universe as an orderly expanse where events happen in absolute locations is an illusion.

By George Musser



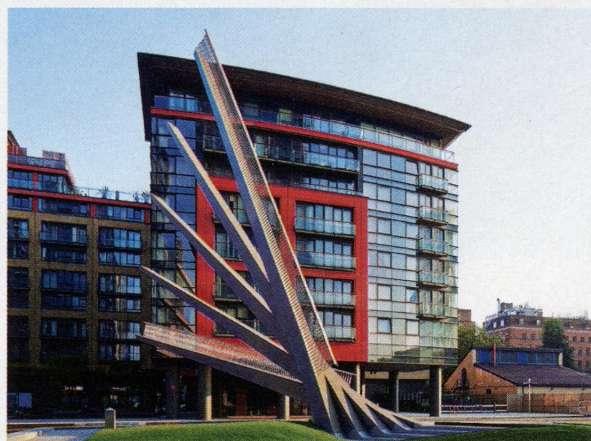
ON THE COVER

Recent archaeological discoveries are providing insights into the people who erected Egypt's Great Pyramid. The trade and labor infrastructures developed to build the monument, which would serve as Pharaoh Khufu's tomb, ushered in a centuries-long period of prosperity for Egypt that also benefited its trading partners abroad. Photograph by Shanna Baker, Getty Images.

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Sustainable Development

Scientific American provides perspective, context and criticism of the United Nations's recently adopted Sustainable Development Goals.

Go to www.ScientificAmerican.com/nov2015/sustainability

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