

Electromagnetic gun expert Harry D. Fair of the Institute for Advanced Technology, in Austin, Texas.

Cover Story

18 The Athens Affair

During the 2004 Olympics, the Greek prime minister's cell-phone was illegally wiretapped. Here's how it was done.

By Vassilis Prevelakis & Diomidis Spinellis

Commentary

26 MORE MISSILES THAN MEGAWATTS

A controversial trade deal with the United States may not solve India's nuclear power problems.

By M.V. Ramana

Military

32 FOR LOVE OF A GUN

Proponents of electromagnetic launchers say the machines will someday replace inefficient chemical propulsion.

By Carolyn Meinel

Sensors

39 T-RAYS VS. TERRORISTS

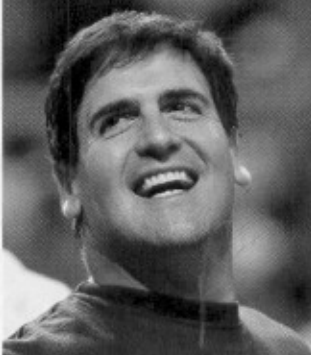
Terahertz imagers render clothes, boxes, and bags invisible and can distinguish plastic explosives from Play-Doh.

By John F. Federici, Dale Gary, Robert Barat & Zoi-Heleni Michalopoulou

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GRAND CHALLENGES FOR ENGINEERING

What tasks should the engineering community deal with during the next century? The U.S. National Academy of Engineering's Grand Challenges for Engineering project seeks the answers.



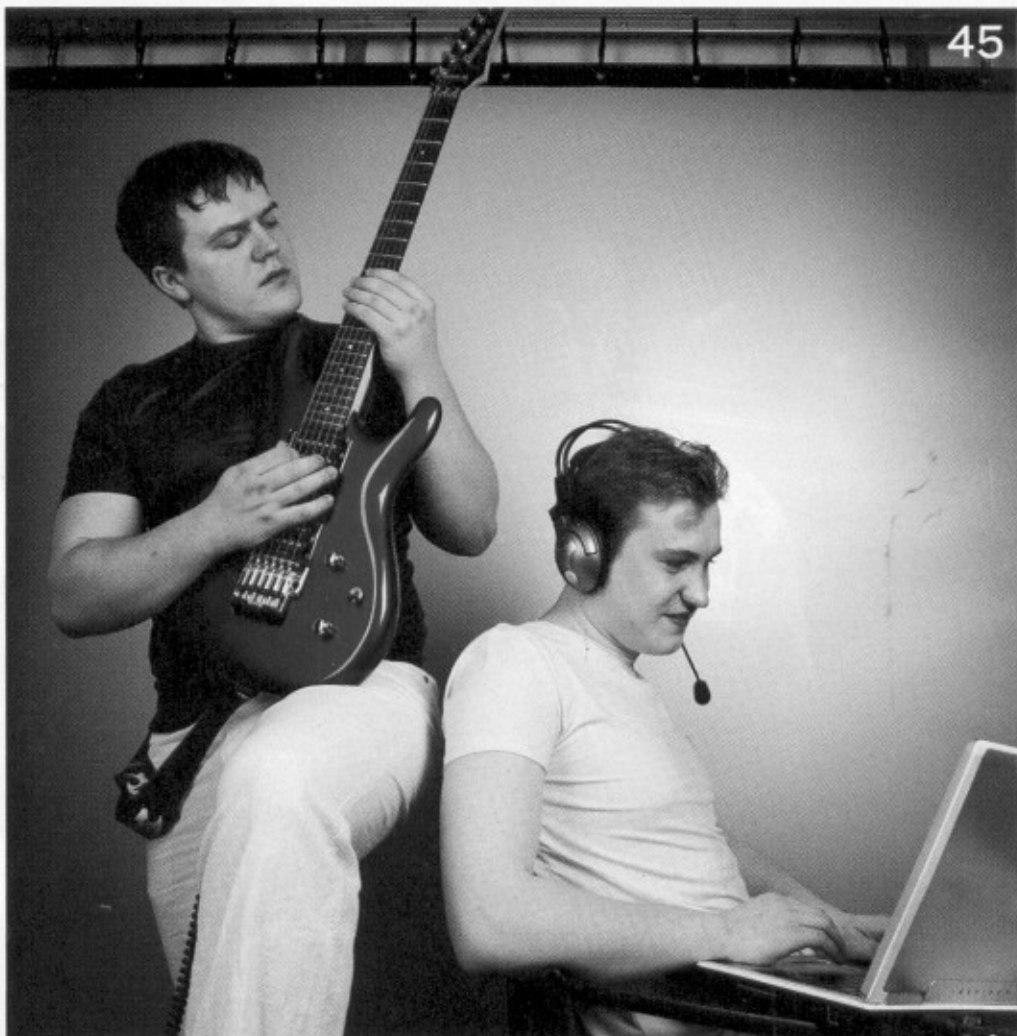
IEEE SPECTRUM/MAKE MAGAZINE'S DIY CONTEST WINNER

Read about IEEE Member Alan Nishioka's winning entry, a computerized Etch-a-Sketch toy. Plus, learn how an 11-year-old contestant wowed the judges.

IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING

Learn about the latest research in lighting, power systems, and metals at the meeting in New Orleans from 23 to 27 September.

LEFT: ALAN NISHIOKA
RIGHT: ALEXANDER GRONSKY/AGENCY PHOTOGRAPHER.RU



45

NEWS

8 Organic LED Lighting

Industry deals and breakthroughs are changing the business of bulbs.

By John Boyd

10 COMMENTARY Is This the End of Digital Rights Management in Music?

12 Wheel-Hub Motors Come Around

14 A Telescope Takes Flight

16 THE BIG PICTURE Down core-memory lane.

OPINION

6 FORUM Are people willing to trade personal comfort for carbon control?

7 SPECTRAL LINES A new beginning for IEEE Spectrum Online.

52 REFLECTIONS Today a computer feels its age not so much in its hardware as in the accumulation of rotten software. By Robert W. Lucky

RESOURCES

45 SOFTWARE Four start-ups offer ways for musicians to jam with distant friends without tripping over Internet lag. By Mark Anderson

48 CAREERS This year's salary survey finds gains around the world, but companies increasingly prefer bonuses to raises. By Terry Costlow

5 THE BACK STORY

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