

NEW SCIENTIST

CONTENIDO

VOLUME 210 No. 2815, JUNE, 4 2011

CONTENTS

NEWS

- 8 A multiverse of parallel worlds.**
A new theory explains the universe in terms of quantum mechanics.

ON THE COVER

- 36 World's hardest problem.**
Solving it could change all of our lives.

- 23 Quantum multiverse.**
Parallel worlds become a single reality.

- 32 Virtual nature.**
As good the real thing?

- 44 Medication nation.**
The rise of the bipolar kid.

- 14 Invisible tsunami.**
Cloaking killer waves.

FEATURES

- 44 Medication nation.**
The rise of the bipolar kid.

NEWS

- 6 UPFRONT**
Record carbon emissions in 2010. Ratko Mladic's fitness for trial. Call for schools to ban energy drinks.

- 8 THIS WEEK**
An "invisibility cloak" for coastlines. Prehistoric health effects of toxic tar. Killer dolphins may be frustrated. Mind-reading technology understands your thoughts. Common drug combo linked to diabetes.

- 20 IN BRIEF**
How to interpret puffy exoplanets. Reindeer see the world in UV. Think your way thin. Removing cancer cells with sound.

TECHNOLOGY

- 23 Future of money: could Bitcoin upend the banks? Local currency makes tighter communities. Peer-to-peer lending.

APERTURE

- 28 Polar molar check: how comfortable would you feel face-to muzzle with a polar bear?

OPINION

- 30 **The end is always nigh.**
What draws us to prophecies of doom, asks Michael Shermer.

- 31 **One minute with... Seth Berkley.**
Veteran HIV researcher on 30 years of AIDS.

- 32 **Technonature.**
What are we doing to “real nature”, wonders psychologist Peter Kahn.

- 34 **LETTERS**
ET’s extinction. Ultimate origins.

FEATURES

- 36 **World’s hardest problem.**
(see above left)

- 42 **‘Black gold’ . from waste to wealth.**
Far from exhausting the land, jungle farmers can create the most fertile soils.

- 44 **Medication nation.**
(see left).

INSTANT EXPERT

Theory of everything.
Your eight-page collectable guide to supergravity, M-theory and extra dimensions.

CULTURELAB

- 48 **Apes like us.**
A chillingly violent tale of the lives of our cousins. Plus: Ducktown desert. Erupting Earth. Jungle story. No more pox.

- 50 **Interactive cinema.**
How close are we to the *Star Trek* Holodeck experience?

REGULARS

- 5 **Editorial.**
Social media heralds a welcome change to our relationship with Money.
- 34 **Enigma**
- 56 **Feedback**
Quantum cancer risk.
- 57 **The Last Word**
Biting talk.
- 52 **Jobs & Careers.**