1365 FRANCE NABS FOREIGN CLIMATE SCIENCE TALENT
Emmanuel Macron's government hires 18 to help "Make Our Planet Great Again" By E. Pain

1366 ICE-SHROUDED LIFE SEES DAYLIGHT
Antarctic expedition will probe ecosystem exposed by calving of massive iceberg By A. Reese

1367 SWEDISH PLASTICS STUDY FABRICATED, PANEL FINDS
High-profile Science paper had highlighted pollution's threat to larval fish By M. Enserink

1368 WHY FOSSIL SCIENTISTS ARE SUING TRUMP OVER MONUMENTS MOVE
Downsizing of Utah preserves puts unique deposits at risk of damage from development, researchers argue By E. Underwood

1369 SUDAN SEEK S A SCIENCE REVIVAL
Released from sanctions, scientists hope to make up ground lost to other African nations By L. Nordling

1381 CLOSING THE TUBULIN Detyrosination CYCLE
Enzymes that detyrosinate the microtubule cytoskeleton are identified By A. Akhmanova and H. Maiato

1383 HOW PLANTS DIFFER IN TOXIN-SENSITIVITY
Toxicity to eudicots, but not monocots, is caused by differences in membrane lipids By G. Van den Ackerveken

1384 RETHINKING DIGITAL MANUFACTURING WITH POLYMERS
Data-driven approaches and improved resin materials can expand applications By J. Poelma and J. Rolland

1385 SPEAK OUT AGAINST TUITION WAIVER TAXES
By L. R. Hollingsworth IV et al.

1387 FOTIS KAFATOS (1940–2017)
Prominent biologist and founding president of the European Research Council By H. Nowotny

1388 A NEW DATA EFFORT TO INFORM CAREER CHOICES IN BIOMEDICINE
Institutions will report student and postdoc outcome data By R. Blank et al.

1389 ARTHUR C. CLARKE AT 100
Good news for the age of anxiety By D. W. D. Kilgore

1386 SPEEDING UP CRYSTALLIZATION
Chemical insights from simulations help to design a phase-change material that can crystallize in less than a nanosecond By J. Akola and R. O. Jones

1387 IN DEPTH
U.S.-Afghan partnership spots ancient sites by the thousands, a first step to protection By A. Lawler

1393 WHY FOSSIL SCIENTISTS ARE SUING TRUMP OVER MONUMENTS MOVE
Downsizing of Utah preserves puts unique deposits at risk of damage from development, researchers argue By E. Underwood

1390 IMPROVING REGULATION OF MICROBIOTA TRANSPLANTS
Policy should balance safety, efficacy, access, and research By D. Hoffmann et al.

1395 A MATTER OF TRUST
Researchers are studying why many consumers are apprehensive about autonomous vehicles, and how to put them at ease By M. Hutson

1396 LESSONS LEARNED FROM CETACEAN TRAGEDIES
By T. R. Frasier and R. R. Reeves

1397 ERRATA

FEATURES
1370 NOT SO FAST
We can’t even agree on what autonomous vehicles are, much less how they will affect our lives By J. Mervis

1375 A MATTER OF TRUST
Researchers are studying why many consumers are apprehensive about autonomous vehicles, and how to put them at ease By M. Hutson

ON THE COVER
Artistic rendering of a driverless car in operation. Automotive and technology companies say that we are well on the road to deploying autonomous vehicles. But the trip could be bumpy, given consumer apprehension about relinquishing control and uncertainty over whether driverless cars will usher in a new age of safer, greener, and more convenient transportation—or simply add to existing problems. See pages 1370 and 1375. Illustration: Emiliano Ponzi

NEWS
IN BRIEF
1362 News at a glance

IN DEPTH
1364 SATELLITES TRACE AFGHANISTAN’S LOST Empires
U.S.-Afghan partnership spots ancient sites by the thousands, a first step to protection By A. Lawler

1365 FRANCE NABS FOREIGN CLIMATE SCIENCE TALENT
Emmanuel Macron’s government hires 18 to help “Make Our Planet Great Again” By E. Pain

1366 ICE-SHROUDED LIFE SEES DAYLIGHT
Antarctic expedition will probe ecosystem exposed by calving of massive iceberg By A. Reese

1367 SWEDISH PLASTICS STUDY FABRICATED, PANEL FINDS
High-profile Science paper had highlighted pollution’s threat to larval fish By M. Enserink

1368 WHY FOSSIL SCIENTISTS ARE SUING TRUMP OVER MONUMENTS MOVE
Downsizing of Utah preserves puts unique deposits at risk of damage from development, researchers argue By E. Underwood

1369 SUDAN SEEKS A SCIENCE REVIVAL
Released from sanctions, scientists hope to make up ground lost to other African nations By L. Nordling

1381 CLOSING THE TUBULIN Detyrosination CYCLE
Enzymes that detyrosinate the microtubule cytoskeleton are identified By A. Akhmanova and H. Maiato

1383 HOW PLANTS DIFFER IN TOXIN-SENSITIVITY
Toxicity to eudicots, but not monocots, is caused by differences in membrane lipids By G. Van den Ackerveken

1384 RETHINKING DIGITAL MANUFACTURING WITH POLYMERS
Data-driven approaches and improved resin materials can expand applications By J. Poelma and J. Rolland

1385 SPEAK OUT AGAINST TUITION WAIVER TAXES
By L. R. Hollingsworth IV et al.

1387 IN DEPTH
U.S.-Afghan partnership spots ancient sites by the thousands, a first step to protection By A. Lawler

1393 ARTHUR C. CLARKE AT 100
Good news for the age of anxiety By D. W. D. Kilgore

1395 A MATTER OF TRUST
Researchers are studying why many consumers are apprehensive about autonomous vehicles, and how to put them at ease By M. Hutson

1396 LESSONS LEARNED FROM CETACEAN TRAGEDIES
By T. R. Frasier and R. R. Reeves

1397 ERRATA

FEATURES
1370 NOT SO FAST
We can’t even agree on what autonomous vehicles are, much less how they will affect our lives By J. Mervis

1375 A MATTER OF TRUST
Researchers are studying why many consumers are apprehensive about autonomous vehicles, and how to put them at ease By M. Hutson

ON THE COVER
Artistic rendering of a driverless car in operation. Automotive and technology companies say that we are well on the road to deploying autonomous vehicles. But the trip could be bumpy, given consumer apprehension about relinquishing control and uncertainty over whether driverless cars will usher in a new age of safer, greener, and more convenient transportation—or simply add to existing problems. See pages 1370 and 1375. Illustration: Emiliano Ponzi

NEWS
IN BRIEF
1362 News at a glance

IN DEPTH
1364 SATELLITES TRACE AFGHANISTAN’S LOST Empires
U.S.-Afghan partnership spots ancient sites by the thousands, a first step to protection By A. Lawler

1365 FRANCE NABS FOREIGN CLIMATE SCIENCE TALENT
Emmanuel Macron’s government hires 18 to help “Make Our Planet Great Again” By E. Pain

1366 ICE-SHROUDED LIFE SEES DAYLIGHT
Antarctic expedition will probe ecosystem exposed by calving of massive iceberg By A. Reese

1367 SWEDISH PLASTICS STUDY FABRICATED, PANEL FINDS
High-profile Science paper had highlighted pollution’s threat to larval fish By M. Enserink

1368 WHY FOSSIL SCIENTISTS ARE SUING TRUMP OVER MONUMENTS MOVE
Downsizing of Utah preserves puts unique deposits at risk of damage from development, researchers argue By E. Underwood

1369 SUDAN SEEKS A SCIENCE REVIVAL
Released from sanctions, scientists hope to make up ground lost to other African nations By L. Nordling

1381 CLOSING THE TUBULIN Detyrosination CYCLE
Enzymes that detyrosinate the microtubule cytoskeleton are identified By A. Akhmanova and H. Maiato

1383 HOW PLANTS DIFFER IN TOXIN-SENSITIVITY
Toxicity to eudicots, but not monocots, is caused by differences in membrane lipids By G. Van den Ackerveken

1384 RETHINKING DIGITAL MANUFACTURING WITH POLYMERS
Data-driven approaches and improved resin materials can expand applications By J. Poelma and J. Rolland

1385 SPEAK OUT AGAINST TUITION WAIVER TAXES
By L. R. Hollingsworth IV et al.

1387 IN DEPTH
U.S.-Afghan partnership spots ancient sites by the thousands, a first step to protection By A. Lawler

1393 ARTHUR C. CLARKE AT 100
Good news for the age of anxiety By D. W. D. Kilgore

1395 A MATTER OF TRUST
Researchers are studying why many consumers are apprehensive about autonomous vehicles, and how to put them at ease By M. Hutson

1396 LESSONS LEARNED FROM CETACEAN TRAGEDIES
By T. R. Frasier and R. R. Reeves

1397 ERRATA
RESEARCH ARTICLES

1401 SYNTHETIC BIOLOGY
Enzyme-free nucleic acid dynamical systems N. Srinivas et al.

1402 NUCLEIC ACID ORIGAMI
Single-stranded DNA and RNA origami D. Han et al.

REPORTS

1403 2D MATERIALS
Anomalous spin correlations and excitonic instability of interacting 2D Weyl fermions M. Hirata et al.

1407 NANOPHOTONICS
Purcell effect for active tuning of light scattering from semiconductor optical antennas A. L. Hobbelen et al.

1411 OPTICS
Disorder-induced optical transition from spin Hall to random Rashba effect E. Maguid et al.

1415 QUANTUM SIMULATION
Monitoring and manipulating Higgs and Goldstone modes in a supersolid quantum gas J. Léonard et al.

1419 CATALYSIS
Activation of surface lattice oxygen in single-atom Pt/CeO₂ for low-temperature CO oxidation L. Nie et al.

1423 PHASE-CHANGE MEMORY
Reducing the stochasticity of crystal nucleation to enable subnanosecond memory writing F. Rao et al.

1427 CATALYSIS
Synthesis of ultrasmall, homogeneously alloyed, bimetallic nanoparticles on silica supports A. Wong et al.

1431 PLANT BIOLOGY
Eudicot plant-specific sphingolipids determine host selectivity of microbial NLP cytolysins T. Lenarcíč et al.

1434 POLYMER CHEMISTRY

1440 NEURODEGENERATION
Structural basis of membrane disruption and cellular toxicity by α-synuclein oligomers G. Pasco et al.

1443 CANCER
Analysis of Fusobacterium persistence and antibiotic response in colorectal cancer S. Bullman et al.

1448 Vasohipins/SVBP are tubulin carboxypeptidases (TCPs) that regulate neuron differentiation C. Aillaud et al.

1453 Vasohipins encode tubulin detyrosinating activity J. Nieuwenhuis et al.

1457 SYNTHETIC BIOLOGY
Multiplex recording of cellular events over time on CRISPR biological tape R. U. Sheth et al.

1461 PEPTIDE DESIGN
Comprehensive computational design of ordered peptide macrocycles P. Hosseinzadeh et al.