

BRIGHT HORIZONS 34

SCIENTIFIC AMERICAN™ **Travel**

Panama Canal | January 20th – February 4th, 2018

Sail from Atlantic to Pacific through an iconic human endeavor, transiting the Panama Canal on the Bright Horizons cruise conference. Voyage from San Diego to Ft. Lauderdale on Holland America's ms Westerdam. Visit regions of rain forest, colonial architecture, beautiful beaches, and coffee and cacao farms.

While at sea we'll discuss the latest in science and technology. Explore ports as you wish venturing into wildlife-rich rain forests, visiting the ancient home of chocolate, or relaxing on mellow beaches.

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Cruise prices vary from \$1,939 for an Interior Stateroom to \$15,199 for a Pinnacle Suite, per person (pp). For those attending our SEMINARS, there is a \$1,575 fee. Add'l pp fees: gov't taxes and fees (\$410), non-refundable Booking Service Fee (\$150), tour leader gratuities (\$10 per day), and onboard gratuities (for your cabin steward and dining room staff, approx \$11.50 per day). The Program, cruise pricing, and options are subject to change. For more information email us at info@InsightCruises.com.



SPEAKERS:



David Stevenson, Ph.D.

Dr. David Stevenson is the Marvin L. Goldberger Professor of Planetary Science at the California Institute of Technology and an expert on the origin, evolution, and structure of planets. He is a New Zealander who came to the United States as a graduate student, obtaining a Ph.D. in theoretical physics at Cornell University in 1976, where he worked on the interior of Jupiter. Most of his subsequent career has been in the USA and he has been on the faculty at Caltech since 1980, serving as a Division Chair and Chair of the Faculty along the way. His awards and honors include membership in the National Academy of Science, Fellow of the Royal Society (London), the Urey Prize (awarded by the American Astronomical Society) and the Hess Medal (awarded by the American

Geophysical Union). On occasion, he has participated in advising movie and TV directors on the science in their productions.



Chris Stringer, Ph.D.

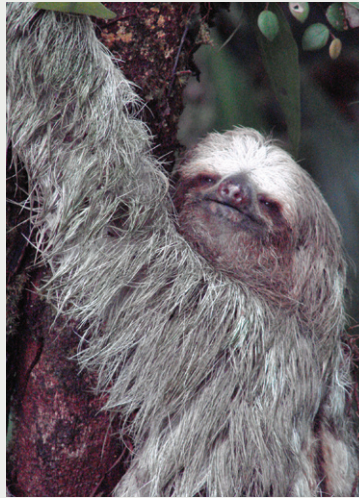
Dr. Chris Stringer has worked at The Natural History Museum London since 1973, and is now Research Leader in Human Origins and a Fellow of the Royal Society. His early research was on the relationship of Neanderthals and early modern humans in Europe and he now collaborates with archaeologists, dating specialists, and geneticists in attempting to reconstruct the evolution of modern humans globally. He has excavated at sites worldwide, and is currently co-directing the Pathways to Ancient Britain project, funded by the Calvea Foundation. He has published over 200 scientific papers, and his recent books include *The Complete*

World of Human Evolution (revised edition 2011, with Peter Andrews), the award-winning *Homo Britannicus* (2006), *The Origin of Our Species* (UK 2011), alternative title (US, March 2012): *Lone Survivors: How We Came to Be the Only Humans on Earth*, and *Britain: One Million Years of the Human Story* (2014, with Rob Dinnis).



Max Tegmark, Ph.D.

A native of Stockholm, Dr. Max Tegmark received his B.Sc. in Physics from the Royal Institute of Technology and a B.A. in Economics at the Stockholm School of Economics. He studied physics at the University of California, Berkeley, earning his Ph.D. in 1994. Dr. Tegmark was a research associate with the Max-Planck-Institut für Physik in Munich, a Hubble Fellow and member of the Institute for Advanced Study, Princeton,



SEMINARS

The conference fee is \$1,575 and includes all of the 90-minute seminars listed below.

ARCHITECTURE, ENGINEERING, AND CONSTRUCTION:

- A Field Guide to Great Structures
- Strength through Curvature
- The Canal as an Engineered System
- Construction of the Panama Canal

THE UNIVERSE:

- Planets Everywhere
- Albatrosses, Beetles, and Cetaceans
- Jupiter and Saturn Revisited
- In Defense of Crazy Ideas

ANTHROPOLOGY:

- Human Evolution: the Big Picture
- The First Humans
- The Neanderthals: Another Kind of Human
- The Rise of Homo sapiens

COSMOLOGY:

- The Origin of Our Universe
- A Brief History of Biological and Artificial Intelligence
- Mysteries of Our Universe
- The Future of Life, the Universe, and Everything

and an Assistant Professor at the University of Pennsylvania before arriving at MIT in September 2004. Dr. Tegmark is an author on more than 200 technical papers, and has featured in dozens of science documentaries. His awards include a Packard Fellowship (2001–06), Cottrell Scholar Award (2002–07), and an NSF Career grant (2002–07), and he is a Fellow of the American Physical Society. His work with the SDSS collaboration on galaxy clustering shared the first prize in Science magazine's "Breakthrough of the Year: 2003."



Stephen Ressler, Ph.D.

Dr. Stephen Ressler is Professor Emeritus from the United States Military Academy at West Point and a Distinguished Member of the American Society of Civil Engineers (ASCE). He served for 34 years as a commissioned

officer in the U.S. Army Corps of Engineers and retired at the rank of Brigadier General in 2013. In 2007, he deployed to Afghanistan to create a civil engineering program for the newly created National Military Academy of Afghanistan in Kabul. Dr. Ressler is passionate about communicating the joys of engineering to inquiring minds of all ages. His three video lecture series — *Understanding the World's Greatest Structures*, *Understanding Greek and Roman Technology*, and *Everyday Engineering* — are among the most highly-rated offerings in The Great Courses' catalog. Dr. Ressler has received numerous awards and his Bridge Designer software has been used by over two million students worldwide. He is also a developer and principal instructor for the ASCE Excellence in Civil Engineering Education Teaching Workshop.

For speakers' complete bios, visit <http://InsightCruises.com/events/sa34/#speakers.html>

FOR MORE INFO

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