



TEDxCERN
x = independently organized TED event

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Speakers

[George Smoot](#)

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ALERT! Our Webcast host is Nobel Prize winner George Smoot! His work led to measurement of Cosmic Microwave Background radiation, the afterglow of the Big Bang! He will frame the event for us, and illuminate with some Webcast only content!

[< For more on George Smoot > \(/speakers/george-smoot-0\)](/speakers/george-smoot-0)

[George Church](#)

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George Church helped initiate the Human Genome Project and is one of the 6 scientists who proposed the The Brain Activity Map Project that's making a splash in scientific circles. He will speak about recent breakthroughs with DNA.

[< For more on George Church > \(/speakers/george-church\)](/speakers/george-church)

[Londa Schiebinger](#)

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Londa Schiebinger is a pioneer in research on gender and science who wrote the conceptual paper for the UN on Gender, Science & Technology, 2010. Her three fixes for women + men in science will surprise and spur you to action.

[< For more on Londa Schiebinger > \(/speakers/londa-schiebinger\)](/speakers/londa-schiebinger)

[Chris Lintott](#)

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Chris Lintott runs the Zooniverse, the world's most successful collection of citizen science projects, and is co-presenter of the BBC's long-running 'Sky at Night'. He will let us know How to



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Find A Planet From Your Sofa. Only at TEDxCERN.

[< For more on Chris Lintott > \(/speakers/chris-lintott\)](/speakers/chris-lintott)

Hiranya Peiris

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Hiranya Peiris is one of the planck team, + winner of the 2012 RAS Fowler Prize. She studies the oldest light we can see in the universe in order to understand the why and how of the Big Bang. Hiranya will talk about Origins of the Early Universe.

[< For more on Hiranya Peiris > \(/speakers/hiranya-peiris\)](/speakers/hiranya-peiris)

John Searle

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John Searle one of the world's great philosophers of mind and language, has spent fifty years stimulating thinking around the world. What he says about consciousness as a biological phenomenon will challenge you! Cogitation. Consciousness & The Brain.

[< For more on John Searle > \(/speakers/john-searle\)](/speakers/john-searle)

Maya Tolstoy

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Maya Tolstoy has been on 30 research cruises, been featured in James Cameron's Aliens of the Deep, been a finalist for NASA's astronaut program, contributed greatly to our knowledge of Tidal Triggering, and will explore Seafloor Earthquakes at TEDxCERN.

[< For more on Maya Tolstoy > \(/speakers/maya-tolstoy\)](/speakers/maya-tolstoy)

Ian Foster

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[\(/speakers/ian-foster\)](/speakers/ian-foster)

Ian Foster's research for high performance distributed and parallel computing has many call him 'father of grid computing'. Ian will take us on a journey of Big Process for Big Data, with a call to action for the kind of collaborative processes we need.

[< For more on Ian Foster > \(/speakers/ian-foster\)](/speakers/ian-foster)

Marc Abrahams

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Marc Abrahams MC of the infamous Ig Nobel Awards and editor of the Annals of Improbable Research, focusses on research that makes you laugh, and think! You're never going to look at science research quite the same after his talk.

[< For more on Marc Abrahams > \(/speakers/marc-abrahams\)](/speakers/marc-abrahams)

Eliezer Rabinovici

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Did you know that there's a science experiment in the Middle East with Israeli, Jordanian, Palestinian, Turkish, Pakistani and Iranian scientists? Hear from Eliezer Rabinovici and the amazing scientists who are working on the wonderful SESAME project.

[< For more on Eliezer Rabinovici > \(/speakers/eliezer-rabinovici\)](/speakers/eliezer-rabinovici)

Zehra Sayers

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Zehra Sayers is the the chair of the Scientific Advisory Committee for "an impossible project": SESAME. Scientists from the Middle East, working together to establish a world class research laboratory using only the language of science.

[< For more on Zehra Sayers > \(/speakers/zehra-sayers\)](/speakers/zehra-sayers)

Brittany Wenger

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Brittany Wenger, 18, high school senior, brilliant young scientist and Grand Prize Winner 2012 Google Science Fair, for her project "Global Neural Network Cloud Service for Breast Cancer" talks about how she came to science in Research and Inspiration.

[< For more on Brittany Wenger > \(/speakers/brittany-wenger\)](/speakers/brittany-wenger)

Lee Cronin

Lee Cronin investigates how chemistry can revolutionize

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modern technology. His lab has created a 3D printer for molecules and he has a bold plan to make matter come alive with forms of non-biological life! Discussing his 'Apollo Project' for chemistry.

[< For more on Lee Cronin > \(/speakers/lee-cronin\)](/speakers/lee-cronin)

Becky Parker

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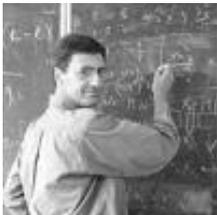
[\(/speakers/becky-parker\)](/speakers/becky-parker)

Becky Parker MBE, Head of Physics Simon Langton Grammar School, winner of the first RAS Patrick Moore Medal for her outstanding work teaching astronomy has pupils who make up 1% of the national cohort of physics undergraduates in the UK. How?

[< For more on Becky Parker > \(/speakers/becky-parker\)](/speakers/becky-parker)

Gian Giudice

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Gian Giudice, theoretical physicist at CERN, found surprising results after the discovery of the Higgs. Find out what the Higgs measurement might mean for the fate of the Universe.

[< For more on Gian Giudice > \(/speakers/gian-giudice\)](/speakers/gian-giudice)

Collège International de Ferney-Voltaire Choir and Special Guests

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Collège International de Ferney-Voltaire Choir, a multi-lingual, multi-style, multi-coloured choir brings middle & high school students together in harmony. Directed by Laurence Beronja they will rock us and "Reach for the Stars".

[< For more on Collège International de Ferney-Voltaire Choir and Special Guests > \(/speakers/coll%C3%A8ge-international-de-ferney-voltaire-choir-and-special-guests\)](/speakers/coll%C3%A8ge-international-de-ferney-voltaire-choir-and-special-guests)

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Yaron Herman

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Yaron Herman plays piano jazz that is utterly unique. He learned to play based on a method using math and philosophy.

[< For more on Yaron Herman > \(/speakers/yaron-herman-0\)](#)

Bijan Chemirani

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Bijan Chemirani, French-born percussionist, was initiated into the art of Iranian percussion by his father, Djamchid Chemirani, at an early age and has acquired enormous experience in adapting his playing style to other genres of music.

[< For more on Bijan Chemirani > \(/speakers/bijan-chemirani\)](#)

Maria Ferrante

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Maria Ferrante's extraordinary voice was discovered when she sang in a voice class at University. She began studying with some of the greatest singers Franco and continued her studies as far as Beijing to discover aspects of bel canto master, Jiang Jou.

[< For more on Maria Ferrante > \(/speakers/maria-ferrante\)](#)

Alison Lister

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Alison Lister, particle physicist at the University of British Columbia, is chasing the smallest particles with the ATLAS and LHC collaborations, with the herculean task of probing the most fundamental constituents of matter that shape our



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Universe.

[< For more on Alison Lister > \(/speakers/alison-lister\)](/speakers/alison-lister)

Tara Shears

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[\(/speakers/tara-shears\)](/speakers/tara-shears)

Tara Shears, experimental Particle Physicist and Royal Society University Research fellow, is working with beauty! That is the LHCb detector which is trying to find out why there's more matter than anti-matter in the universe today.

[< For more on Tara Shears > \(/speakers/tara-shears\)](/speakers/tara-shears)
