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Subject: Edge Master Class 2009: George Church - A Short Course in Synthetic Genomics

Date: Tue, 23 Jun 2009 02:40:03 +0000

To: Jeff Bezos, Stewart Brand, Sergey Brin, Jason Calacanis, Steve Case, George Church, George Dyson, Jeffrey Epstein, Tony Fadell, Bill Gates, Matt Greoning, Bill Joy, Danny Kahneman, Salar Kamangar, DeanKamen, Elon Musk, Nathan Myhrvold, Pierre Omidyar, Tim O'Rielly, Larry Page, Sean Parker, Jean Pigozzi. Nick Pritzker, Jacqui Safra, Charles Simonyi, Jeff Skoll, Richard Thaler, Anne Treisman, Graig Venter, Evan Williams, Jimmy Wales, Mark Zuckerberg

Edge Foundation is pleased to announce that George Church will teach the 2009 EDGE Master Class...

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"Many of the people here worry about what life is, but maybe in a slightly more general way, not just ribosomes, but inorganic life. Would we know it if we saw it? It's important as we go and discover other worlds, as we start creating more complicated robots, and so forth, to know, where do we draw the line?"- George Church

The EDGE Master Class 2009

A SHORT COURSE IN SYNTHETIC GENOMICS

George Church
July 24th-26th
The Andaz
West Hollywood

What is life, origins of life, in vitro synthetic life, mirror-life, metabolic engineering for hydrocarbons & pharmaceuticals, computational tools, electronic-biological interfaces, nanotech- molecular-manufacturing, biosensors, accelerated lab evolution, engineered personal stem cells, multi-virus-resistant cells, humanized- mice, bringing back extinct species, safety/security policy.

Here's the link to George's portion (video and text) of the EDGE seminar "Life: What A Concept" in 2007:http://www.edge.org/documents/life/church_index.html

GEORGE CHURCH is Professor of Genetics at Harvard Medical School and Director of the Center for Computational Genetics. He invented the broadly applied concepts of molecular multiplexing and tags, homologous recombination methods, and array DNA synthesizers. Technology transfer of automated sequencing & software to Genome Therapeutics Corp. resulted in the first commercial genome sequence (the human pathogen, *H. pylori*, 1994). He has served in advisory roles for 12 journals, 5 granting agencies and 22 biotech companies. Current research focuses on integrating biosystems-modeling with personal genomics & synthetic biology.

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This year we go to West Hollywood, for the weekend of July 24th-26th. Nick Pritzker want us to stay at his new un-Hyatt hotel (The Andaz <http://westhollywood.hyatt.com/hyatt/hotels/index.jsp>)

and will throw a reception, and give us his usual cost minus 40% rate. The class will be taught the first day at Elon Musk's Space X facility near LAX. Danny Hillis has offered to host the second day at Applied Minds in Glendale. Numerous people want to host dinners. More details to come.

This will be an important event for a group of extraordinary people. I very much hope that you will come. We will set up a procedure with The Andaz so you can book your room (which attendees can handle individually, otherwise, once you arrive in West Hollywood, you are our guest. There's no charge for The Master Class or associated activities.

It's very late (mea culpa). Can you let me know this week by Thursday if you want to attend.

Best,

JB

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