

Symposium Announcement

The Future of Genotyping: How the X PRIZE Will Revolutionize Sequencing

Monday, November 5, 2007

The Desmond Hotel and Conference Center
660 Albany-Shaker Road,
Albany NY
(800)-448-3500
www.desmondhotelsalbany.com

4:00 – 6:00 Vendor Exhibition
5:30 – 7:45 Technical Program

Speaker Program:	Mr. Marc Hodosh	Senior Director for the Archon X PRIZE for Genomics
	Dr. Peter Schweitzer	Director of the Cornell University DNA Sequencing and Genotyping Laboratory
	Dr. Sadeg M. Faris	CEO and Chairman, Reveo, Inc.

In much the same way that the original X PRIZE inspired the development of technologies leading to a new era of low-cost space travel, the Archon X PRIZE for Genomics aims to inspire the development of rapid and low-cost diagnostic sequencing of the human genome that will enable an entirely new era of personalized medicine. The Archon X PRIZE is a competition for a \$10 million prize to the first team to sequence 100 human genomes in 10 days for under \$10,000 per genome with 0.001% accuracy.

Mr. Hodosh will speak about the Archon X PRIZE for Genomics and the X PRIZE Foundation. Dr. Schweitzer will talk about the current technologies; and their limitations, at use in a large-scale, modern sequencing facility. Dr. Faris will talk about his company's concept for a radical new approach to DNA sequencing that he believes will win the X PRIZE.

The Reveo concept is called the Omni Molecular Recognizer Application (OmniMoRA). It uses physical rather than indirect chemical methods to read the DNA sequence directly. Since the OmniMoRA uses principles from semiconductor electronics and photonics it has the potential to achieve the necessary speed, cost and accuracy improvements over existing sequencing instruments that use indirect chemical methods.

Registration is free: www.lab-robotics.org

- Click on the Upstate New York button
- Click on "Register"

Please pre-register so that we can plan for seating and free refreshments

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Presented by Upstate New York Laboratory Robotics Interest Group