



TRIUMF/UBC/SFU 2013-2014 Saturday Morning Lecture Series Frontiers of Modern Physics

TRIUMF, UBC and SFU are proud to present the 2013-2014 Saturday morning lecture series on frontiers of modern physics. The lectures will be at a level appropriate for high school students and members of the general public. Parallel lecture series will be held at TRIUMF on the UBC Campus, and at SFU Surrey Campus.

Lectures start at 10:00 am / 11:10 am and are free. Parking is available. See <http://www.triumf.ca/saturday-lectures> for registration, directions, and more information.

Oct 5, 2013 SFU Surrey Podium Room 2740

1. The Quest for the Higgs Boson at the Large Hadron Collider (Bernd Stelzer, SFU)
2. Exploring Worlds Far, Far Away ... Without Hyperdrive (Jaymie Matthews, UBC)

Oct 19, 2012 TRIUMF Auditorium

1. The Quest for the Higgs Boson at the Large Hadron Collider (Bernd Stelzer, SFU)
2. Exploring Worlds Far, Far Away ... Without Hyperdrive (Jaymie Matthews, UBC)

Nov 23, 2013 TRIUMF Auditorium

1. What's the Matter with Anti-Matter? (Hirohisa Tanaka, UBC)
2. Magnitude 9 – How We Learned that the Largest Earthquakes on Earth Happen on our Coast (John Clague, SFU)

Nov 30, 2013 SFU Surrey Galleria Room 5140 (note different room)

1. What's the Matter with Anti-Matter? (Hirohisa Tanaka, UBC)
2. Magnitude 9 – How We Learned that the Largest Earthquakes on Earth Happen on our Coast (John Clague, SFU)

Jan 18, 2014 TRIUMF Auditorium

1. The Physics of Music (Bill Unruh, UBC)
2. A New Technology for Early Detection and Monitoring of Cancer (Andre Marziali, UBC)

Jan 25, 2014 SFU Surrey Podium Room 2740

1. Protein Nano-Motors: Investigating Nature's Machines (Martin Zuckermann, SFU)
2. Quantum Computing (Mark Johnson, D-Wave)

Feb 15, 2014 TRIUMF Auditorium

1. Rethinking Energy, Rethinking Fusion: How Fusion Energy has the potential to change the world (Alex Fallon, General Fusion)
2. Dual Fluid Reactor: A novel design that will revolutionize nuclear power (Ahmed Hussein, UNBC)

Feb 22, 2014 SFU Surrey Podium Room 2740

1. Rethinking Energy, Rethinking Fusion: How Fusion Energy has the potential to change the world (Alex Fallon, General Fusion)
2. Dual Fluid Reactor: A novel design that will revolutionize nuclear power (Ahmed Hussein, UNBC)

April 12, 2014 TRIUMF Auditorium

1. Nuclear Physics in Medical Imaging and Therapy (Barry Pointon, BCIT)
2. The Meaning of Quantum Mechanics & the Strangeness of Reality (Patrick Walden, TRIUMF)

April 26, 2014 SFU Surrey Podium Room 2740

1. Nuclear Physics in Medical Imaging and Therapy (Barry Pointon, BCIT)
2. The Meaning of Quantum Mechanics & the Strangeness of Reality (Patrick Walden, TRIUMF)