

IQSE AMO QO Seminar Series

Tuesday, December 13th, 11:30 am ZOOM &
IQSE seminar room (MPHY 578)

Pizza will be served for IQSE members at 11:00 am. The talk will start around 11:30 am

Dr. William G. Unruh and Dr. Luiz Davidovich

LIGO is Quantum

Ghost quantum metrology

ABOUT THE SPEAKER: William G. Unruh is a professor of physics at the University of British Columbia, known for his seminal contributions to our understanding of gravity, black holes, cosmology, quantum fields in curved spaces, and the foundations of quantum mechanics, including the discovery of the Unruh effect. Professor Unruh was the first Director of the Cosmology and Gravity Program at the Canadian Institute for Advanced Research (1985-1996). His many awards include the Rutherford Medal of the Royal Society of Canada (1982), the Herzberg Medal of the Canadian Association of Physicists (1983), the Steacie Prize from the National Research Council (1984), the Canadian Association of Physicists Medal of Achievement (1995), and the Canada Council Killam Prize. Professor Unruh is an elected Fellow of the Royal Society of Canada, a Fellow of the American Physical Society, a Fellow of the Royal Society of London, and a Foreign Honorary Member of the American Academy of Arts and Science. Professor Davidovich is a fellow of the Optical Society of America and the American Physical Society. He is foreign associate of the US National Academy of Sciences, member of the World Academy of Sciences for the Advancement of Science in the Developing Countries (TWAS) and president of the Brazilian Academy of Sciences. He received the Brazilian Grand-Cross of the National Order of Scientific Merit and the Brazilian National Prize of Science and Technology.

EVENT DETAILS: Join us in celebrating distinguished IQSE members -- the winners of prestigious international awards in 2022: Olga Kocharovskaya, Girish Agarwal, Luiz Davidovich, Edward Fry, Ping Yang ...

ZOOM information:

<https://tamu.zoom.us/j/98156251523?pwd=QVdSdGxtL1UyY0g1L083SU5QR0QrUT09>

Meeting ID: 981 5625 1523

Passcode: 297578

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