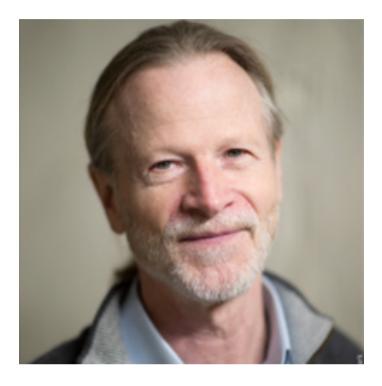
KMI-Colloquium

Status and results of Gravitational-wave Astronomy



David Shoemaker (Massachusetts Institute of Technology, spokesperson for LIGO Scientific Collaboration)

Friday, 23, February 10:00-Sakata and Hirata Hall

Abstract:

I will give a brief description of the generalities that define the new field of gravitational-wave astronomy — the interaction of the instrument with the gravitational waves, and the basic concept and limitations to the detection approach. I will then summarize the results to date with the LIGO-Virgo network of detectors, and finish with a perspective for

the future of the field both near-term and long-term.



Kobayashi-Maskawa Institute for the Origin of Particles and the Universe