



**BALDWIN WALLACE UNIVERSITY**  
**BURRELL OBSERVATORY OPEN HOUSE**  
**FRIDAY NOVEMBER 4, 2016 AT 7:30 PM**

**MICHELSON AND THE INTERFEROMETER**

by

**DR. HARSH MATHUR**

**PROFESSOR OF PHYSICS**

**AT CASE WESTERN RESERVE UNIVERSITY**

The Burrell Observatory is proud to host an open house program on Friday November 4, 2016 at 7:30 PM. In 1887 Albert Michelson performed an experiment in Cleveland that is now widely regarded as the experimental foundation of Einstein's theory of Relativity. In his lecture Professor Mathur will recount the life of Michelson, his invention of the interferometer, and his scientific legacy, including the dramatic discovery, made this year using a Michelson interferometer, of the merger of a pair of black holes one billion light years from earth. The lecture will be held in the "Center for Innovation and Growth" (CIG).

After the lecture the Burrell Observatory will be open for viewing, weather permitting.

This is a free lecture and no reservations are required. The CIG is located the East side of Front Street, North of Bagley Road at 340 Front Street. Parking is available next to and behind CIG and adjacent to the Observatory off of Fifth Avenue West. For questions, contact the Observatory Director at [gkader@bw.edu](mailto:gkader@bw.edu) or the Department of Physics and Astronomy at 440-826-2312.

**Map to the Center for Innovation and Growth: [link](#)**