



Rainer Weiss (1932-2025)

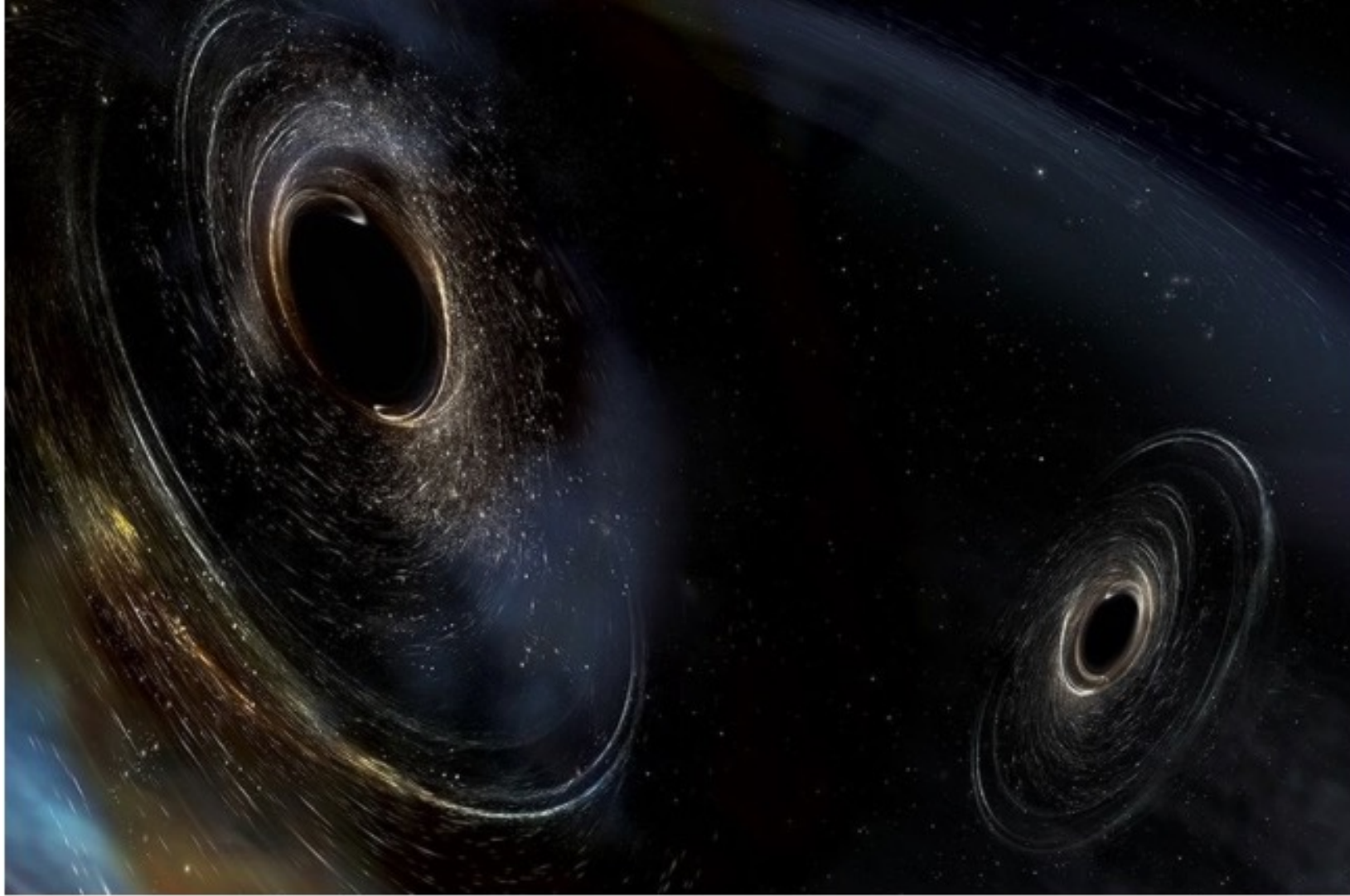
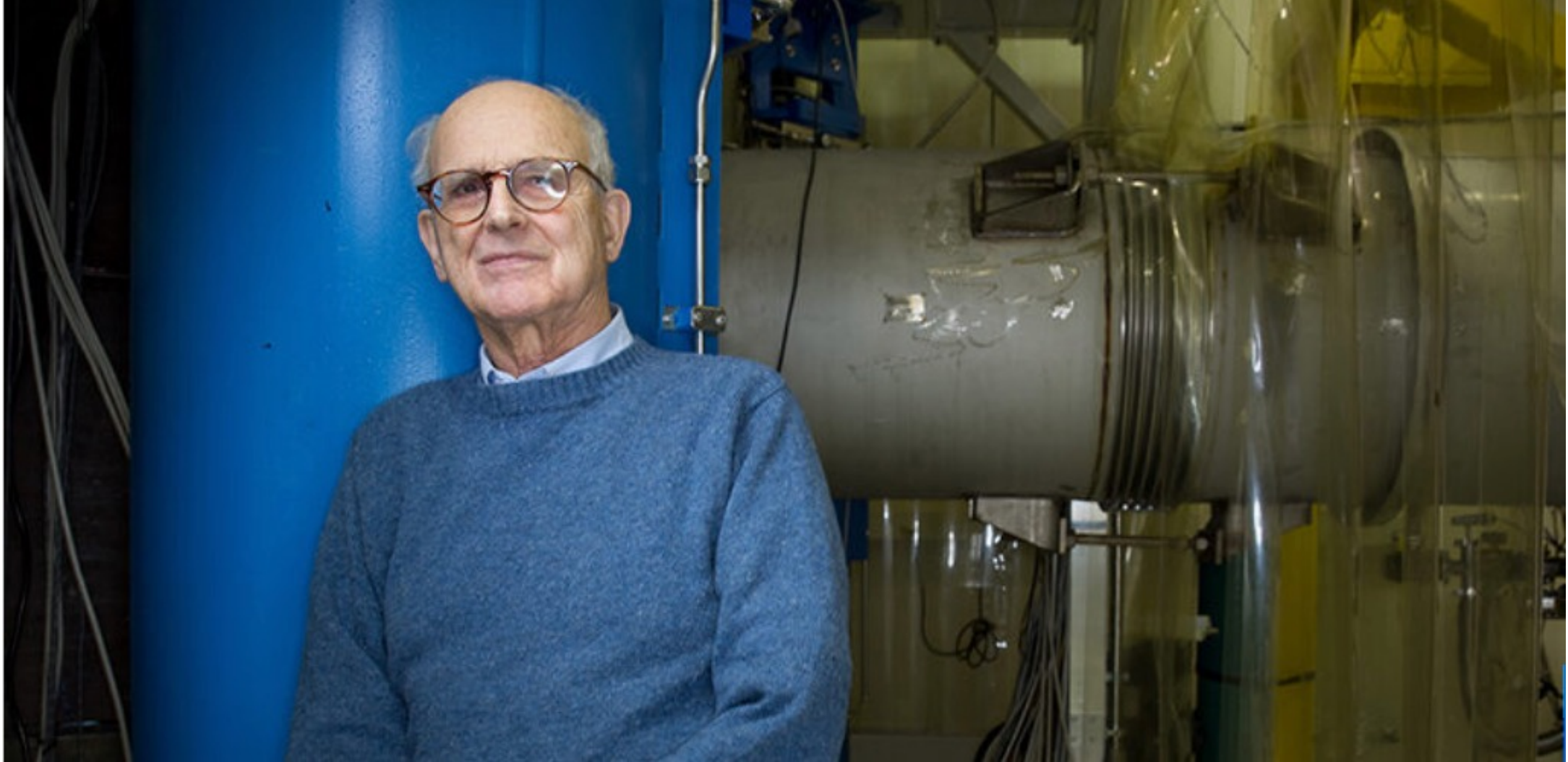
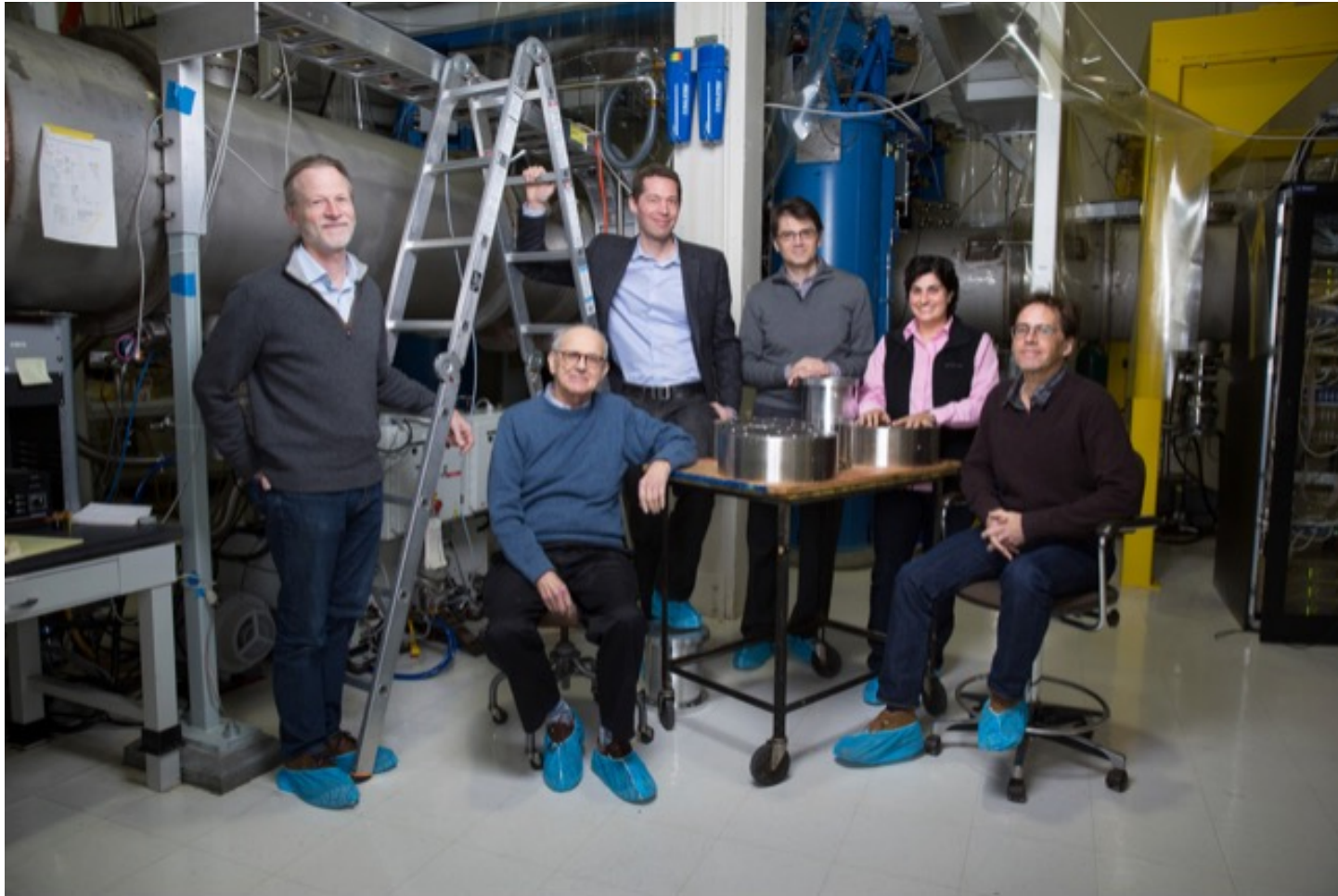


Image:
LIGO/Caltech/MIT/Sonoma State
(Aurore Simonnet)



Rai Weiss at MIT LIGO Test Facility



The MIT LIGO team in January 2016, before scientists announce the first direct detection of gravitational waves:

David Shoemaker, Rainer Weiss, Matthew Evans, Erotokritos Katsavounidis, Nergis Mavalvala, and Peter Fritschel.

Credits: Credit: Bryce Vickmark



Rainer Weiss, in his lab in MIT's Building 20 in the late 1970s, works on a cryogenically cooled detector for cosmic microwave background radiation.

Credits: Credit: Peter Kramer, courtesy of MIT LIGO Laboratory

MIT's Fabled Building 20 “the Plywood Palace”



Fred in 1967 at
MIT





Rai lecturing the construction crew at LHO



As his wife Rebecca looks on in their home, Rainer Weiss answers early morning questions from journalists assembled at the Nobel Foundation's press conference in Stockholm, Sweden, shortly after learning that he had won the Nobel Prize in physics. Credits: Photo: M. Scott Brauer

LIGO Livingston Observatory Workshop 2019



LIGO Vacuum Group
January 2016



Rai, Fred and
Dan Henkel at
LLO (2019)





Rai at New York City Science Festival, 2010

Credit: Max Weber