

Angela D. V. Di Virgilio has received her degree in Physics in 1982. She has been for 2 years post-doc at the Purdue University to work on CDF, the experiment that later on has discovered the Top quark. Since 1986 she is researcher at the INFN Pisa section. From 1985 she has been active in the research for gravitational wave detection, with special attention to the low frequency detection. In 1994-2005, she has been responsible of the Low Frequency Facility, satellite experiment of Virgo, which has measured with very high precision, the noise of the suspension around 10Hz. The low frequency research has been determinant for the discovery of the first gravitational wave signal GW150914, which was detected between 36 and 250Hz, this detection has been honoured with the Breakthrough price 2016 and the Nobel in 2017.

Her interest in ring-laser development and study has began in 2007. Since the beginning she has been responsible of the research activity in Italy.

She has been the proposer of GINGER, for the LenseThirring test on Earth with 1% precision, one of the General Relativity test feasible on Earth and based on the use of ring lasers gyroscopes. Her activity is highly interdisciplinary; she is the responsible of the prototype GINGERINO operational inside the underground laboratory of the GranSasso, which is taking data for seismology studies.

She has more than 300 published papers and h-index 53.