

16/3/1990 Graduate in Physics at Torino University, 110/110 cum Laude.

17/10/1994 PhD in Physics and Astrophysics.

October 1995. Post Doc Fellowship at Torino University.

17/3/1997. Researcher at Torino University, Department of Fisica Generale.

1/1/2005. Professore Associato at Torino University.

1/10/2011. Professore Strordinario at Torino University.

1/10/2014. Professore Ordinario at Torino University.

From June 2002 to June 2008. Coordinator of the scientific line "Gruppo 2" of the INFN, Sezione di Torino.

Since October 2009 member of the KASCADE-Grande experiment steering committee.

Since September 2014 dean of the joint council of the Physics and Optics and Optometry courses of the Torino University.

Since October 2015 vice director, in charge of the didactics, of the Physics Department of Torino University.

Since 2015 I collaborate with the Moscow MEPH University at the installation of the NEVOD-EAS array.

My scientific activity is in the field of experimental high energy cosmic ray physics ($E > 10^{14}$ eV).

Participating, with arrays studying different energy ranges, at the following experiments: EAS-TOP, LVD, Auger, KASCADE-Grande. After the conclusion of the KASCADE-Grande experiment I've collaborated to the preliminary studies to investigate the capabilities of the LHAASO experiment to separate events according to the mass of the primary particle. My last activities concern the development of a SiPM based camera for the LST telescopes of the CTA telescopes and I'm contributing to the R&D towards a wide field of view observatory to measure VHE gamma rays from the Southern hemisphere.

The two experiments that mainly characterized my scientific activity are EAS-TOP and KASCADE-Grande. In both of them I participated both to the construction, maintenance and calibration of the plastic scintillation detectors to measure the number of EAS charged particles and to the data analysis to study the cosmic ray primary spectrum and chemical composition. I've presented the results of both experiments in many international conferences.

I've been invited to give summary talks about high energy cosmic ray experiments at various international conferences; between them: Scineghe 2012, ISVHECRI 2012, ECRS 2014, UHECR2016, ISVHECRI 2018.

Torino, il 10 Febbraio 2020

Andrea Chiavassa