Gianluigi Ezio Pessina CV (2020)

Gianluigi Ezio Pessina is Technology Manager at the INFN Section (National Institute of Nuclear Physics) of Milan Bicocca and professor of Electronics (under contract) in 2 courses at the Faculty of Physics of the University of Milan Bicocca. During his career, which began more than 30 years ago, he has worked (and is working) on of the development of front-end systems and particle detectors for experiments with and without accelerators. He has experimented almost all the technological fields of electronics: cryogenic electronics in silicon, GaAs and SiGe, monolithic electronics in GaAs, Silicon, bipolar CMOS, SiGe and HEMT. He works / has worked with cryogenic detectors, mainly bolometers, gas detectors, Germanium and Silicon detectors, Photomultipliers and SiPM (Silicon PothoMultiplier). He takes care/has taken care/worked on the front end and powering system of numerous experiments (such as MIBETA, CUORE, CUPID, CROSS and DUNE in studying the neutrino mass, and the RICH of LHCb and the BTL at CMS concerning accelerators) and has provided reports in over 140 collaboration meetings, conferences and invited talks.

Gianluigi Ezio Pessina is author / co-author of more than 600 documents published in international journals, conference proceedings and internal reports. Gianluigi Ezio Pessina's h-index is greater than 60 with more than 16,000 citations (SCOPUS source). Gianluigi Ezio Pessina on the web: http://pessina.mib.infn.it, orcid, scopus.

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