

SiPM start kit by CAEN s.p.a.

Getting acquainted with SiPM may be a slow process, unless a flexible and user-friendly platform is made available. Università dell'Insubria, AGH-Krakow and ITEP-Moscow, in the early days of the SiPM technology, faced this problem during the RAPSODI EC-funded project and developed the core of what is currently made available as a commercial product by CAEN s.p.a.

The SiPM kit comprises a twin channel power supply and amplification unit, embedding as well a leading edge discriminator; a waveform digitiser, an ultra-fast LED and a series of complementary heads and mounting supports for a variety of applications.

The system, currently in use by more than 60 teams in the world, is a valuable tool for both research and education. In fact, a series of about 30 hands-on lab activities has been implemented and documented.

Throughout the demo, experiments with light statistics will be shown and the majority of the features unveiled.

The latest development, namely the EasyPET, will also be introduced.

Massimo Caccia

Università' dell'Insubria @ Como

massimo.caccia@uninsubria.it