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Time Correlated Single Photon Counting at ALBA

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The (almost) final version of the time correlated single photon counting at ALBA is operative since the beginning of 2015. The setup had been implemented using a copper absorber as mirror for visible radiation, a fast PMT as photon detector and the PicoHarp 300 as photon counter. A tango version for the PicoHarp software was also implemented from the ALBA computing staff. Dynamic ranges of the order of 10^4 had been reached and the setup is ready to be used to drive the top-up injection.

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