Contribution ID: **10**   Type: **not specified**

"**DANTE - Digital Pulse Processor for X-ray Spectroscopy**" (remotely)

Wednesday, 22 June 2022 14:00 (20 minutes)

The talk will be focused on DANTE, a Digital Pulse Processor specifically designed for X-ray spectroscopy. Available in single-channel and eight-channel desktop configuration, DANTE has been designed to match the most demanding requirements and features of Synchrotrons and high-end industrial applications. By coupling DANTE with radiation detectors such SDD, state-of-the-art performance in terms of FWHM and count rates can be reached enabling new achievements in different X-ray applications such as: uXRF, XAS, fast X-ray mapping, PIXE. The main functionalities of DANTE will be presented together with some case study examples.

Presenter: Dr TOCCHIO, A. (XGLAB)