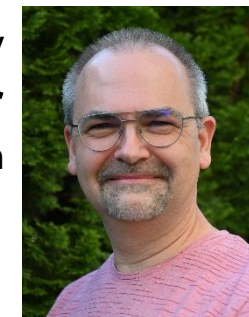


15<sup>th</sup> Pisa Meeting on Advanced Detectors, Isola d'Elba, Italy

**Christian Irmeler**

on behalf of the Belle II SVD collaboration



- The Belle II Silicon Vertex Detector (SVD) is located at the SuperKEKB factory, Tsukuba, Japan
- So far recorded 371 fb<sup>-1</sup>
- 4 layers of double-sided silicon strip detectors
- Reliable operation since spring 2019
- Excellent hit efficiency of >99% in most sensors
- Close monitoring of accumulated radiation dose
  - First effects observed in some parameters, but so far no degradation of SVD performance
- Recently implemented SVD timing based T0 estimation

