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PO22 - Accelerator Operators involvement with commissioning the BRIGHT beamlines

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In 2017 the Australian Synchrotron secured funding to build 8 new beamlines to accompany the existing 10 that have been in operation since 2007. After initial delays due to the COVID-19 pandemic many of these beamlines have started to come online in some capacity over the past 12 months. The accelerator operators have been actively involved in this process, which has included: commissioning new insertion devices, dealing with significant drops in beam lifetime, contributing to the new user interfaces and recovering from the inevitable beam dumps related to these new beamlines. This poster will present some of these challenges faced and solved when commissioning new beamlines at the Australian Synchrotron.

Presenter: SANDERS, Thomas (AS/ANSTO)

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