

To whom it may concern

The Large Angle Beamstrahlung Monitor, developed at CESR, has unique properties that makes it desirable for all future electron-positron colliders.

Given a beam-beam mismatch causing the specific luminosity to decrease, it will identify the beam at fault, it will identify the type of correction needed, and how much correction is needed. It will also work at both low energy and high energy colliders, providing a genuine, data-driven R&D path.

We are interested in this device both for DAPHNE and for SuperB. We have already explored possible locations inside the DAPHNE Beam Pipe for the primary mirrors with Dr Bonvicini, and we will advance our studies in the upcoming months.

At SuperB in particular, the beam-beam interaction is the number one primary machine concern and we intend to study it to the highest possible precision. We strongly support this line of research.

Best regards,

Pantaleo Raimondi
(Scientific Head of Accelerator Division)

