

GMW Associates

GMW will again be exhibiting at the upcoming International Beam Instrumentation Conference (IBIC), hosted by FRIB and held in Grand Rapids, MI at the Amway Grand Hotel and Conference Center. The Conference opens with a Sunday evening reception, with exhibition stands open from Monday through Wednesday afternoon. See also: <https://indico.fnal.gov/conferenceDisplay.py?confId=12353>

Joining me from Bergoz Instrumentation will be Julien Bergoz, Laurent Dupuy and Tom Delaviere. We will be showing the full line of Bergoz [Beam Position](#), [Profile](#), [Loss](#) and [Current Measurement Diagnostics](#), with special attention to:

The [CWCT](#) is the newest in-flange current transformer from Bergoz Instrumentation. The CWCT along with its output monitor electronics, the BCM-CW for measurement of the average current of CW or macropulse beams up to 500MHz RF with resolution <1uA and dc to 100kHz output bandwidth independent of bunch shape/width. The CWT is ideally suited to sub-relativistic proton/ion beams, to measure loss along the accelerating path. Similar to other in-flange Bergoz CT's, it has an axial length of 40mm, making it well-suited to low-energy sections of ADS, HPPA, and SNS.

The [Turbo-ICT](#) will also on display at IBIC. It measures very short pulses, unaffected by EMI noise. It measures pulse charge in the 1pC...300pC range with 10fC rms noise. Successfully installed on many FEL/XFEL, the Turbo ICT is now available for laser-plasma accelerators in vacuum enclosure.

I will also have information on the complete lines of GMW [magnetic field](#), [electric current measurement](#) instrumentation and [fiber optic link instrumentation](#). If you are coming to IBIC, please stop by.

Best Wishes,

Brian

Ps – Please let me know if you no longer have an interest in emails from GMW.

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