

Session Program

7-11 Sept 2025



IBIC2025 - 14th International Beam Instrumentation Conference

WEC

Teaching Hub 502
The University of Liverpool 160 Mount Pleasant L3 5TR Liverpool

Wednesday 10 September

13:00

WEC: Transverse Profile and Emittance Monitors / Machine Parameter Measurements

Session | **Location:** Teaching Hub 502, The University of Liverpool 160 Mount Pleasant L3 5TR Liverpool

13:00-13:30

Machine Learning-based beam sculpting and measurement using a multileaf collimator and emittance exchange

Speaker

Nathan Majernik

13:30-14:00

Experimental demonstration of a single-shot, nondestructive electron beam diagnostic based on the ionization of a low-density pulsed gas jet

Speaker

Paul Denham

14:00-14:20

Minimally Invasive Nano-Fabricated Wire Scanner for FEL Operations

Speaker

Dr Francesca Addesa

14:20