5th Slow Extraction Workshop at MedAustron in Wiener Neustadt

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## **Measuring Small AC Ripple on Strong DC Currents**

Wednesday, 14 February 2024 14:00 (20 minutes)

Improved slow extraction beam stability can be achieved by better control of the magnet power supply currents. However, the required performance exceeds capabilities of available current measurement systems. Within the IFast collaboration, such an improved current measurement system is being developed. This presentation summarizes the requirements, the solution under development and achieved performance.

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