

Activity Status:

**Fast calculation of the resistive wall
wake sum for multi bunch beams –
application to the CNGS beam in the
SPS at high energy**

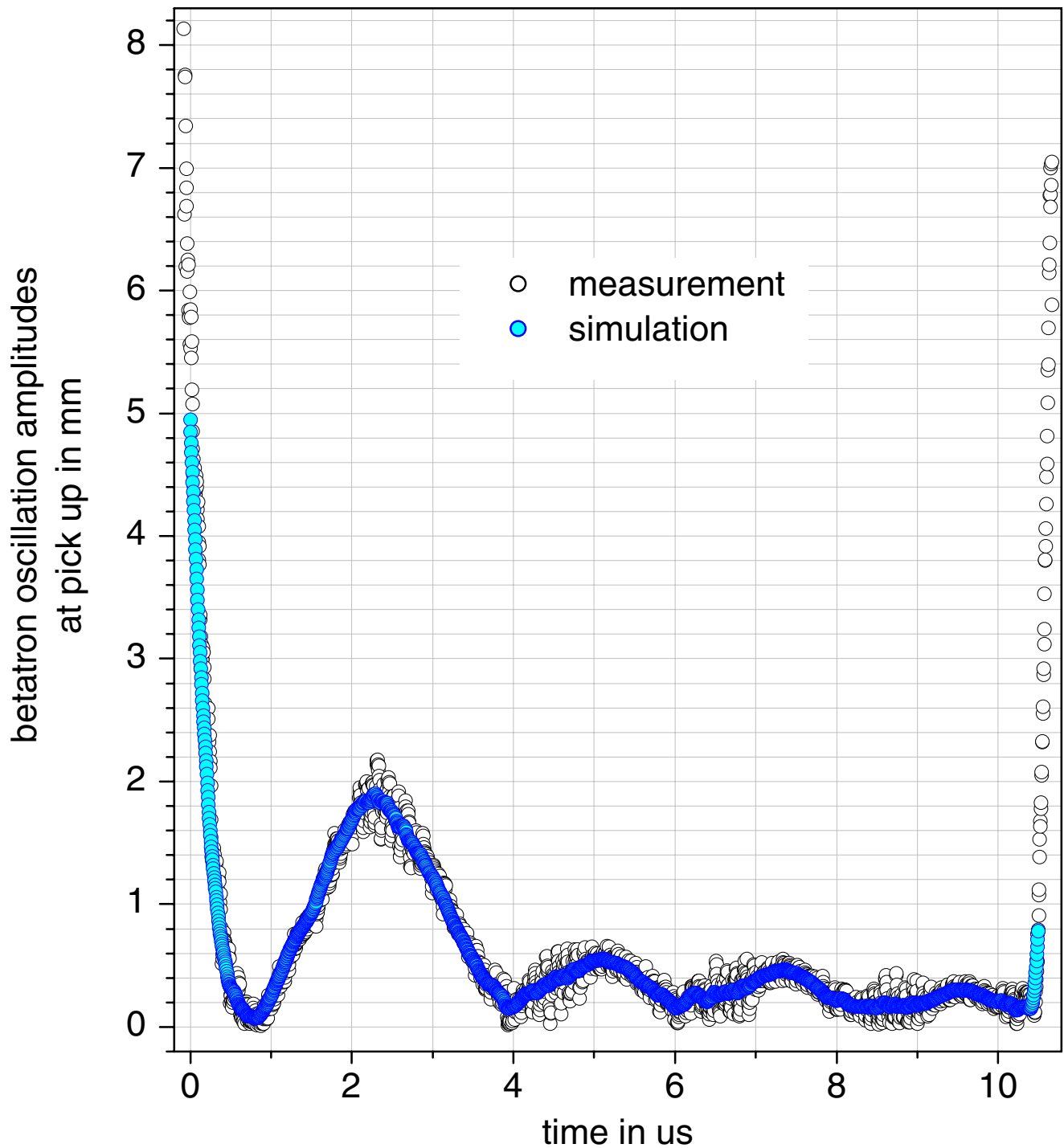
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RLC Section Meeting

Reconstructed kicker ripple...

Betatron oscillation amplitudes in the second CNGS batch, measured at the pick-up directly after the first extraction kick:



Instability growth rates

Instability growth rates measured during the CNGS extraction test (2.34×10^{13} protons/batch) and the result of simulations considering the beam pipe resistance as the only impedance:

