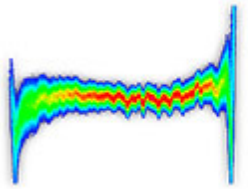




Elettra Sincrotrone Trieste



6th Microbunching Instability Workshop

Trieste, Italy / 6 - 8 October 2014



Elettra Sincrotrone Trieste

Welcome to the 6th Microbunching Instability Workshop

Trieste 6-8 October 2014

*Organized by Elettra Sincrotrone Trieste
under the FELS OF EUROPE collaboration*

www.fels-of-europe.eu



FELS OF EUROPE



Elettra
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Trieste

The Elettra Research Center



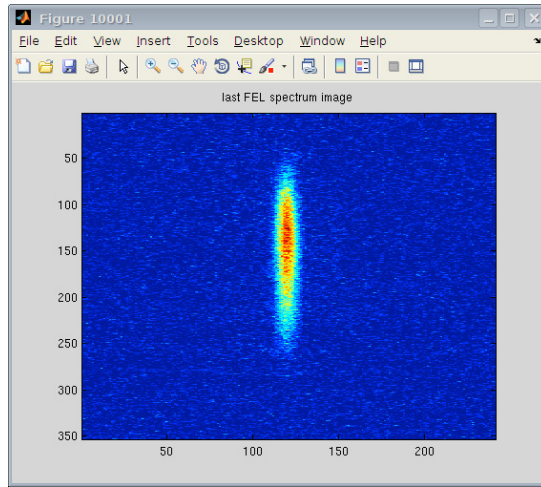


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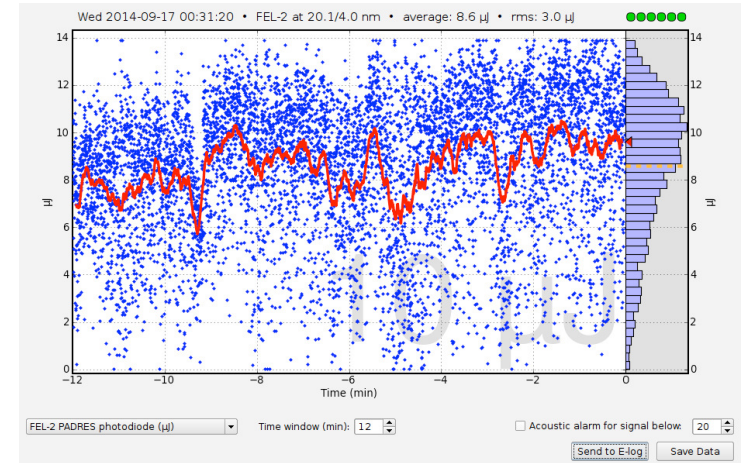
FEL-2 – September 2014 update

5.4 nm - Single mode spectrum

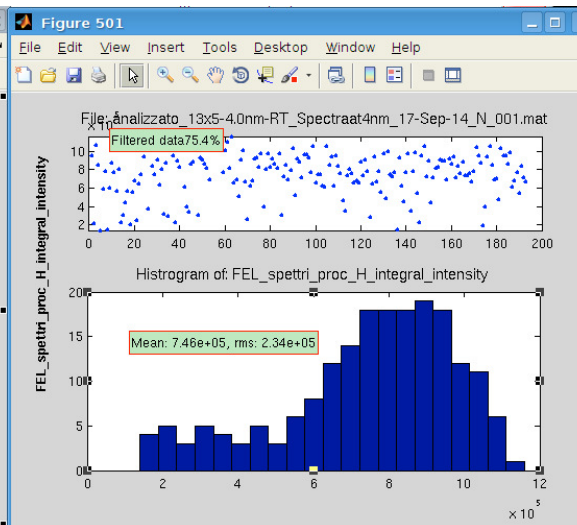
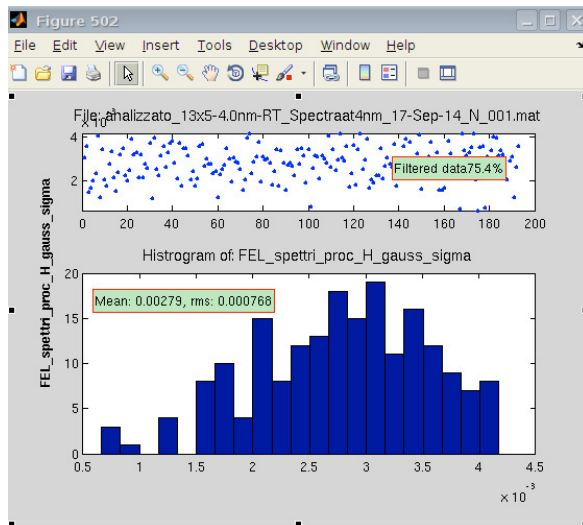
Spectral line width 3×10^{-4} (rel. rms – 90%shots)



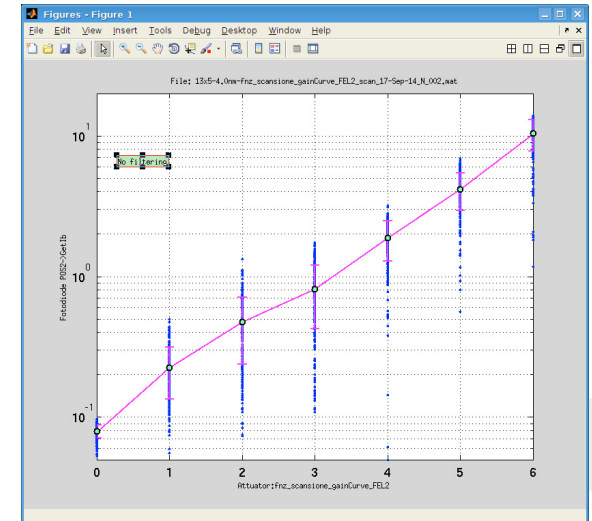
4 nm - 10 uJ “average”
energy per pulse



4 nm - spectral linewidth 7×10^{-4} (rel. rms 75%shots)
energy stability 30% rms fluctuations in energy

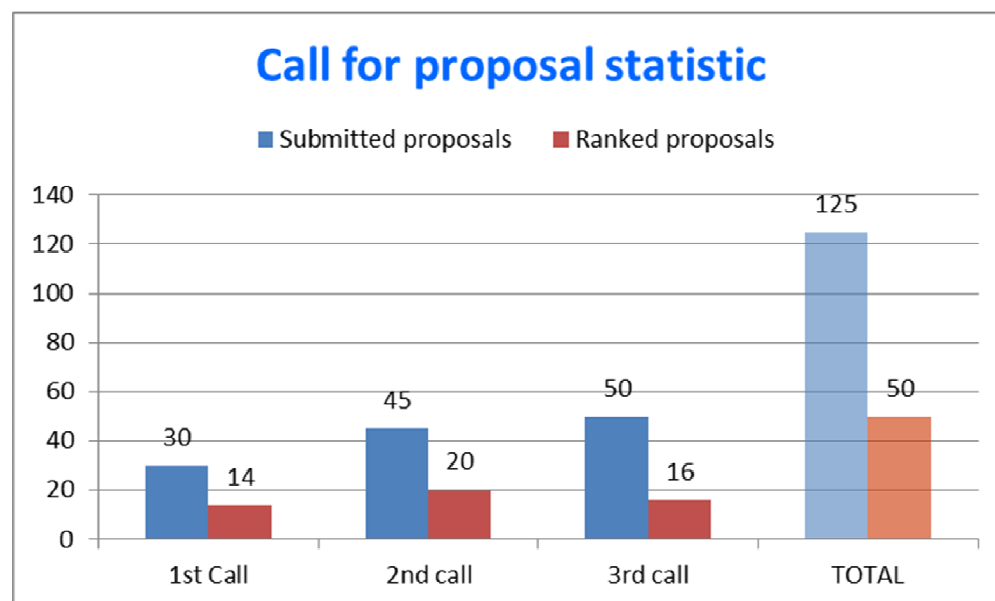
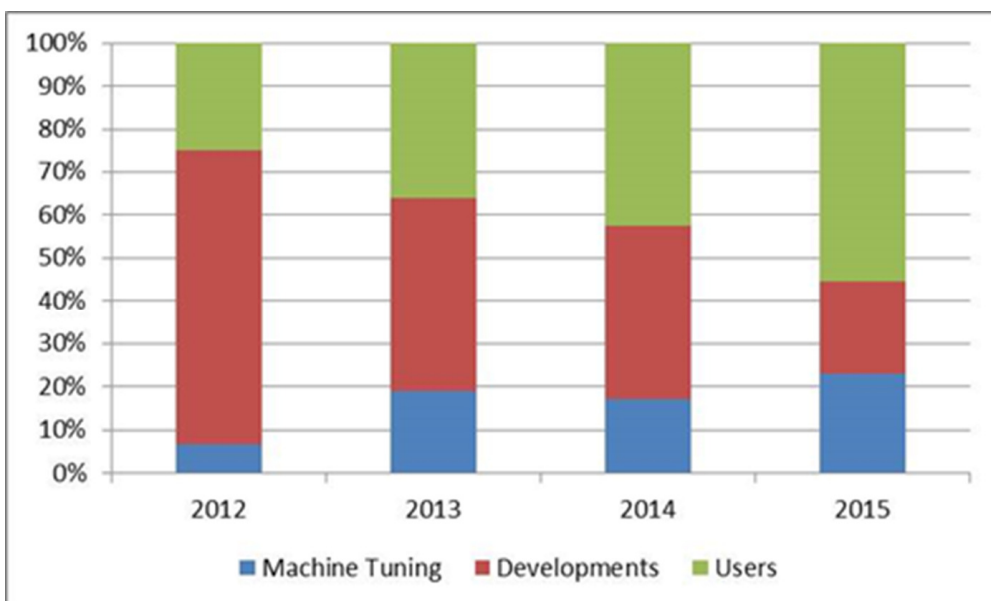


4 nm - exponential gain



Users Operation Statistics

4th Call for Users



2012 operation time **6072 hours** (**1520** for users)

2013 operation time **6576 hours** (**2376** for users)

2014 operation time **6640 hours** (**2824** for users)

2015 operation time **6456 hours** (**3584** for users)

The 4th call for proposals is being published these days.
Users can apply for **FEL-2**, down to **4 nm**.

Have a fruitful workshop and a nice stay in Trieste!!!

