

## Online Monitoring during girder re-alignment at SLS (Swiss Light Source) accelerator

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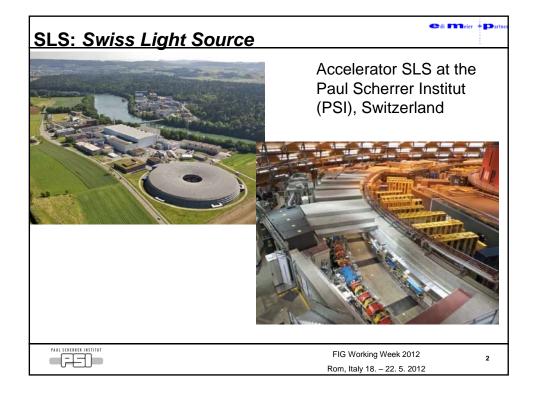
#### Michael BOEGE, Karsten DREYER

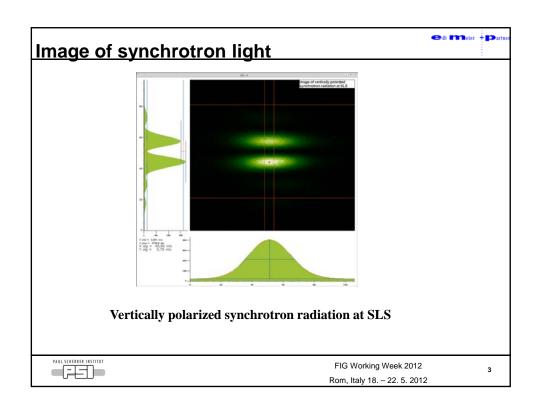
michael.boege@psi.ch, karsten.dreyer@psi.ch Paul Scherrer Institut PSI, Switzerland, www.gfa.web.psi.ch

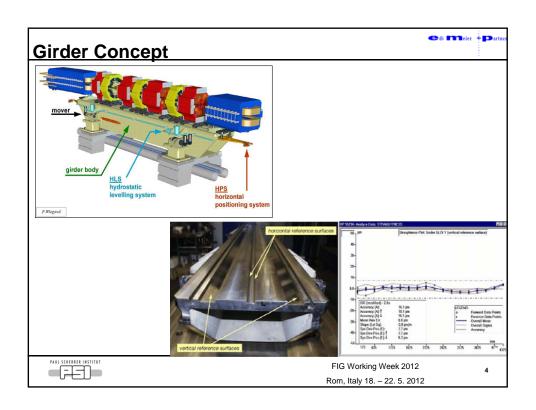
PAUL SCHERRER INSTITUT

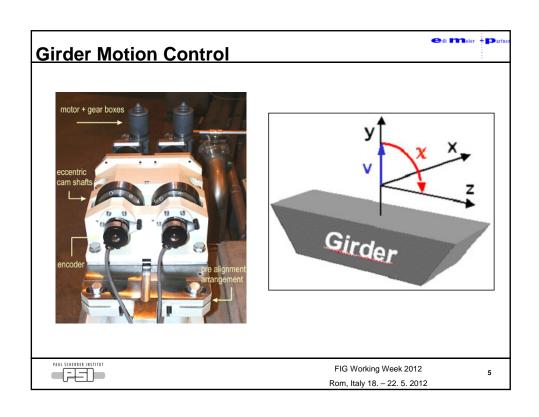
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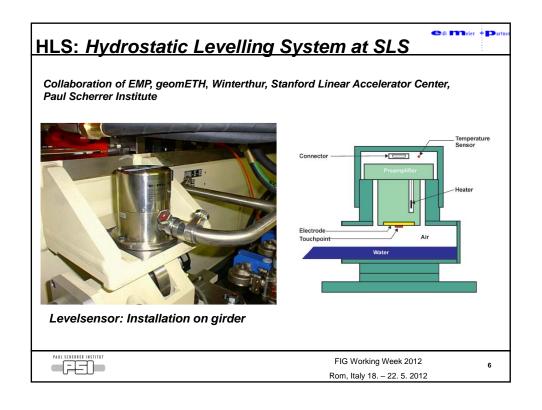
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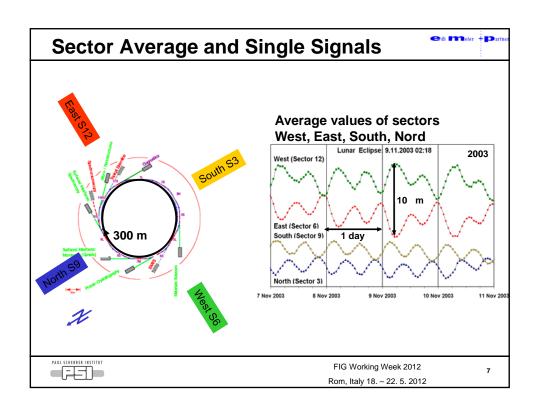


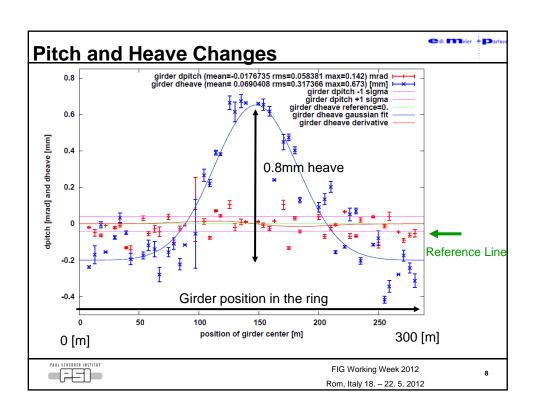


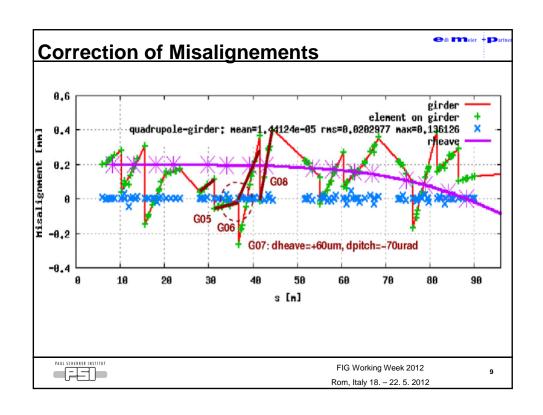


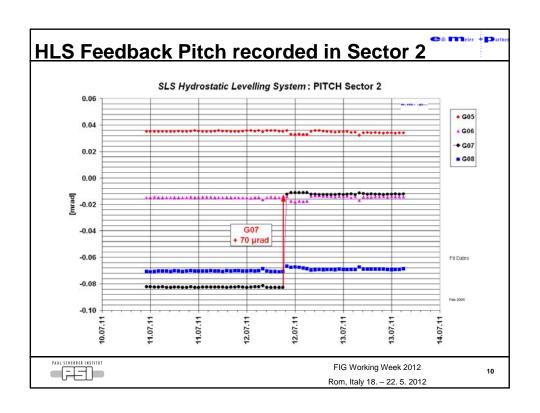


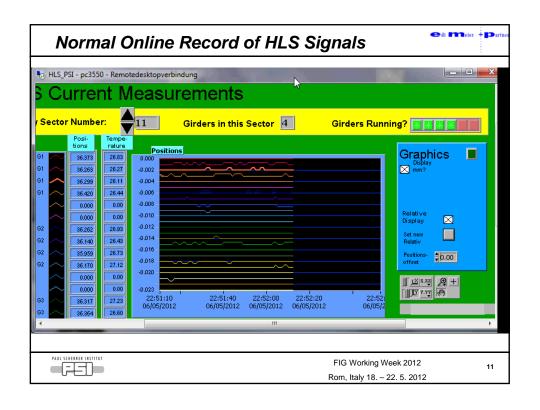


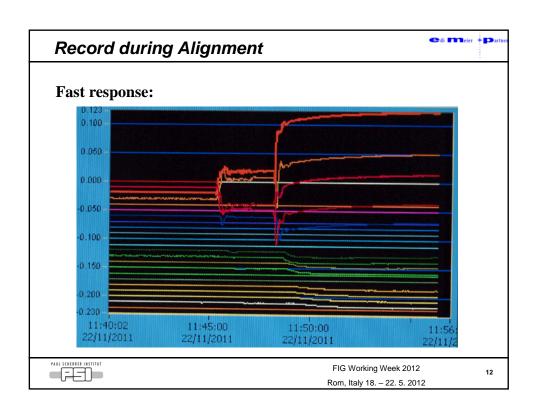












### **Summary and Outlook**



- HLS is a suitable tool for **longterm** monitoring giving a perfect deformation history.
- The HLS is a suitable tool for "real-time" monitoring for girder alignment control.
- Also "**dynamic"** measurements are possible. In that case a model of the water flow according to the desired precicion is needed.

# Thank you for listening and good-bye!



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