



CERN Timing Workshop Introduction


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CERN AB-CO-HT
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Context



- CERN is reviewing the way it does accelerator timing.
- Old model of doing everything ourselves does not hold anymore.
- Get experience from others, launch collaborative effort:
 - Other institutes “like us”: GSI, Elettra, IN2P3.
 - Academic institutions: FISS, InES.
 - Companies: Oregano Systems, Cosylab, Micro Research.
 - Future partners: ITER.

Presentation of CERN official participants



- Julian Lewis (AB-CO-HT)
 - Responsible for the General Machine Timing System.
 - Software expert.
- Pablo Alvarez (AB-CO-HT)
 - Main Timing Hardware designer.
- Javier Serrano (AB-CO-HT)
 - Section leader.
 - Hardware designer.
 - Workshop chair.
- Bruno Puccio (AB-CO-MI)
 - Section leader.
 - Workshop moderator.
- Benjamin Todd (AB-CO-MI)
 - Hardware specialist.
 - Workshop secretary.
- Hermann Schmickler (AB-CO)
 - Group leader.

Plan for the day



- Morning: presentations. Each is 15 min. with 5 min. for questions. Bruno keeps time. Coffee break at 10:20.
- Lunch: for official participants (25) in restaurant #1's "glassbox". 12:00-14:00.
- 14:00-15:00 Visit to Prévessin (France). Take a valid ID to cross the border! CCC, Central Timing and BA3 if time allows. Organizer: Julian.
- 14:00-15:00 (Part of) CERN Team summarizes morning discussions and prepares plan for the afternoon.
- 15:00 Presentation of afternoon plan.
- 15:15-17:30 Discussion. Moderator: Bruno.



Some words for this workshop

- We all are/will be timing freaks.
- Timing freaks are cool, share ideas and work together to chase those nanoseconds!
- At the beginning of your presentation, please introduce your fellow freaks.
- For any problem throughout the day, contact me.
- Now, let the fun begin.