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# CYLINDRICAL GEM I.T. FOR BESIII meeting

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**17 April 2013** *INFN - Laboratori Nazionali di Frascati*

Europe/Rome timezone

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This meeting follows the "[Cylindrical GEM mini-workshop](#)" held in October 2012 in Frascati. It will mainly focus on the CGEM prototype construction for the BESIII Inner Tracker upgrade.

**Dates:** 17 April 2013 (09:00-18:00)  
**Timezone:** Europe/Rome  
**Location:** *INFN - Laboratori Nazionali di Frascati*  
Via E. Fermi, 40  
00044 - Frascati  
Italy  
Room: [Aula Conversi \(Bldg. n. 57\)](#)

# Meeting Agenda (morning)

- 09:00-09:15 Introduction (M. Bertani, INFN LNF)
- 09:15-09:35 Simulations (L.L. Wang, IHEP)
- 09:35-09:55 Backgrounds (M. Ye, IHEP)
- 09:55-10:15 Space available for GEM installation (M.Y. Dong, IHEP)
- 10:15-10:25 Solving ambiguities in the GEM proposal (R. Baldini, INFN LNF)
- 10:25-10:45 GEM present and developments (Noglue) (S. Lauciani, INFN LNF)
- 10:45-11:00 CAEN Presentation (G. Di Maio, CAEN)
- 11:00-11:30 Break
- 11:30-11:50 GEM present and developments (Use of Rohacell) (M. Savrié, INFN Ferrara)
- 11:50-12:10 FE electronic group presentations
- 12:10-12:30 TO electronic group presentations (M. Maggiora and S. Marcello)
- 12:30-13:00 Discussion
- 13:00-15:00 Lunch

# Meeting Agenda (afternoon)

- 15:00-15:20 KLOE2 IT FEE chain (F. Loddo, INFN Bari)
- 15:20-15:40 The BESIII IT readout requirements (front end & DAQ) (G. Felici, INFN LNF)
- 15:40-16:00 ASICs availability/development for strip readout
- 16:00-16:30 Break
- 16:30-17:00 HV-LV & Slow Control
- 17:00-18:00 Activity in 2013 and general discussion

➤ Planning of the Letter of Intent for the June Collab. meeting

# Italian groups

We are pleased to welcome new collaborators for INFN sites, who are going to apply for BESIII membership at next June collaboration meeting:

- a new INFN group of six physicists from Ferrara University/INFN
- two more physicists from LNF
- two more physicists from Turin University/INFN

# IHEP-INFN involvement

The project of an IT for BESIII needs formal approval from both IHEP and INFN

The road is still quite long, and a complete Letter of Intent is an essential component

In July 2013 we will present to INFN the original project of a 1-layer prototype, as agreed upon in September 2012 with BESIII, and approved by both INFN and MAE

We hope that the next 12 months will put us into a stronger position to proceed to the final objective of a complete proposal to BESIII

Thank you !