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# CMSDAS 2019

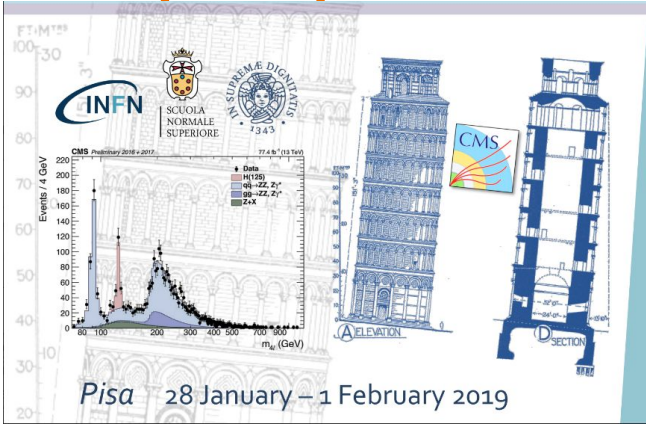
— 28/1 - 1/2 Pisa —

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# Great week and enthusiastic participation ...



## Scuola Normale first day

Welcome and Goals of the School	Gigi Rolandi
Scuola Normale	09:00 - 09:15
Practicalities	Fabrizio Palla
Scuola Normale	09:15 - 09:30
CMS status and its future	Roberto Carlin
Scuola Normale	09:30 - 10:10
CMS Physics with Run2 data and prospects	Shahram Rahatlou
Scuola Normale	10:10 - 10:50
Coffee break	
Scuola Normale	10:50 - 11:20
Standard Model or Standard Theory? The many ways beyond the SM	Riccardo Barbieri et al.
Scuola Normale	11:20 - 12:20
Introduction to the CMS offline and analysis tools	Tommaso Boccali
Scuola Normale	12:20 - 12:50



# Under Pisa's Medieval Walls...



**P**isa's walls are the **oldest city walls in Italy** that remain **almost entirely intact**. Construction began in **1155** in the area that corresponds to today's piazza dei Miracoli, while the seventh and final lot was built in 1161; this section defended the western side of the city, stretching from the Portello to the Torre dell'Arno. The site was chosen strategically, as these ramparts were meant to protect the cathedral and future baptistry and defend the city's most vulnerable spot: the bridge crossing the **Auser River** in the northwestern part of Pisa.

Fiume Serchio

<https://www.visittuscany.com/en/attractions/medieval-walls-of-pisa/>

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See all photos here  
<https://bit.ly/2WFX26u>



# We had also a nice dinner with great music in the historical Lumiere location...





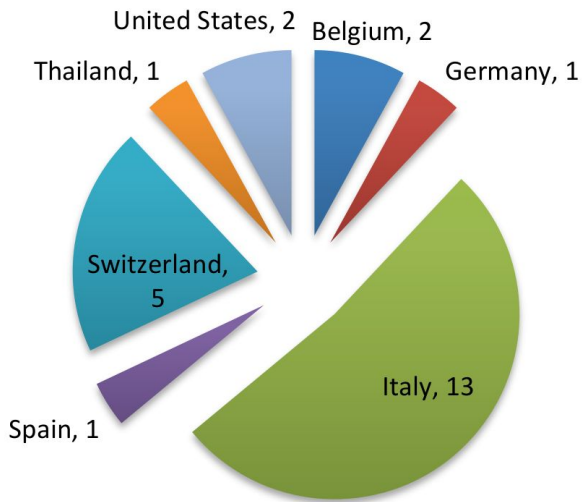
# Thanks!

- The second CMS DAS school in Pisa was really successful
  - Many people contributed
    - Facilitators
    - Students
    - The CMS school Committee
    - The local organizing Committee
      - Scientific Secretariat: Lucia Lilli and Claudia Tofani
      - Administrative staff: Roberta Frassi and the Ufficio Missioni
      - CMS staff: Lorenzo, Agnese, Franco, Gigi, Rino, Fabrizio, Tommaso, Giuseppe....
      - Enrico and all the IT staff
      - SNS: Elisa Guidi
      - University of Pisa: Giovanni Punzi, Massimo D'Elia

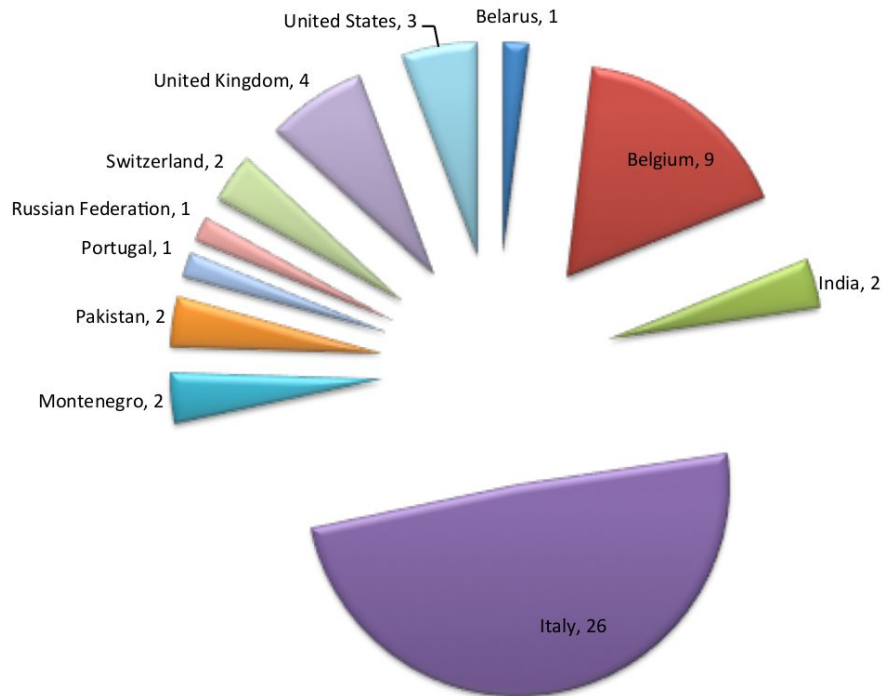


# Country of origin

25 facilitators



53 students (2 post-doc)





# Short exercises facilitators

<b>Statistica</b>	<a href="#">Twiki</a>		<b>POG-Elettroni</b>	<a href="#">Twiki</a>
Luca Lista			Paolo Meridiani	
Mario Pelliccioni				
			<b>POG- B-tagging</b>	<a href="#">Twiki</a>
<b>POG- Tracking</b>	<a href="#">Twiki</a>		Silvio Donato	
Mia Tosi			Matteo Defranchis	
Sara Fiorendi				
			<b>POG-Tau</b>	<a href="#">Twiki</a>
<b>POG-Muoni</b>	<a href="#">Twiki</a>		Riccardo Manzoni	
Carlo Battilana				
			<b>POG- Particle Flow</b>	<a href="#">Twiki</a>
<b>POG-Machine Learning</b>	<a href="#">Twiki</a>		Giovanni Petrucciani	
Thong Nguyen				
Sitong An				
Leonardo Giannini				
			<b>POG-JET</b>	<a href="#">Twiki</a>
<b>POG-PPD</b>	<a href="#">Twiki</a>		Andrea Marini	
Norraphat Srimanobhas				



# Higgs

**PAG- Higgs**

Konstantin Androsov

Maria Teresa Grippo



## Higgs

**Tomas Kello**

**Krunal Bipin Gedia**

**Jelena Mijuskovic**

**Itana Bujanja**

**Tatiana Nechaeva**

**Siew Yan Hoh**

**Xunwu Zuo**

**Shubhi Parolia**

**Sitong An**

**Dario Mapelli**

**Davide Zuolo**

**David Anthony**

**Simone Calzaferri**

**Nikita Petrov**

**Mattia Lizzo**

**Roberto Seidita**

**Federico Siviero**



**SMP****GOURAB SAHA****Rudy Ceccarelli****Alessandro Da Rold****negin shafiei****Leonardo Giannini****Thomas Kello****Giulio Mandorli****Dimitrios Sidiropoulos Kontos****Davide Valsecchi****Dipika Dash****Brandon Soubasis****Brenda Fabela Enriquez****Suvankar Roy Chowdhury**



# SUSY

**PAG-SUSY**

Marco Peruzzi

Carlo Battilana



## SUSY

**Diogo BASTOS**

**Elisa Fontanesi**

**Samuele Torelli**

**Federica Maria Simone**

**Raffaella Tramontano**

**Valerio Bertacchi**

**Maria Rosaria Di Domenico**

**Tu Thong Tran**

**Samet Lezki**

**Thong Nguyen**

**Andrea Bellora**

**Claudio Quaranta**

**Simone Calzaferri**

**Arash Jofrehei**



# TOP

## PAG-TOP

Juan Gonzalez

Pietro Vischia

Pieter David



## top

**Sophie Wuyckens**

**Gianny Mestdach**

**Liam Wezenbeek**

**Florian Bury**

**Kathryn Wendy Coldham**

**Hesham El Faham**

**Nicolas Stylianou**

**Jonathon Mark Langford**

**Federico Vazzoler**

**Natasha Mahmood**

**Muhammad Mubasher**

**Matteo Defranchis**

**Luca Guzzi**

**Hevjin Yazar**

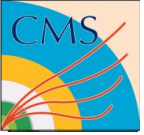
**Dario Soldi**

**Khawla Jaffel**

G. Bagliesi - INFN Pisa



**Thank you for attending this school...**  
**We wish you an exciting future in the CMS**  
**collaboration and in HEP !**



# Backup



