



Spectroscopy: Introduction

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Last Year Spectroscopy Agenda





	Introduction	
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	14:30 - 14:40
	Theory	Nora Brambilla
15:00		
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	14:40 - 15:20
	BESIII	Marco Scodeggio
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	15:20 - 15:45
	LHCb	Marco Pappagallo
16:00	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	15:45 - 16:10

- Mainly focused on heavy flavor hadrons
- Results from single experiments separately
- Parallelisms and Complementarity

	ATLAS+CMS	Semen Turchikhin
17:00	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	16:45 - 17:10
	Belle II	Alessandro Boschetti
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	17:10 - 17:35
	JALAB-EIC	Annalisa D'Angelo
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	17:35 - 18:00
18:00	Discussion	
	Aula Magna "Adalberto Libera", Dipartimento di Architettura dell'Università Roma Tre	18:00 - 18:30

Quite successful and interesting session



This Year Agenda



This year we decided to change the structure

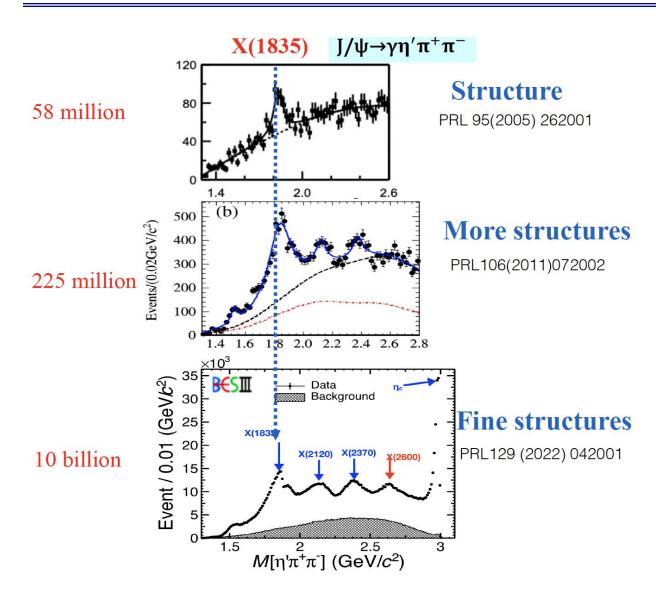
Not a "recent results of the last year" but we tried to be more complementary

- ✓ More focus on the light sector
- ✓ Space for non-covered and "proximal" topics
- ✓ More transversal and general discussion, less experiment-based
- ✓ News on detectors for the spectroscopy measurements



Light Mesons Spectroscopy





In the light sector not just bump-hunting

The states overlap, interference reigns

Partial Wave Analysis is the way

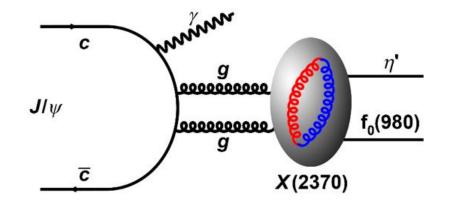
Need for more and more statistics



Light Mesons but non-light Interest INFN

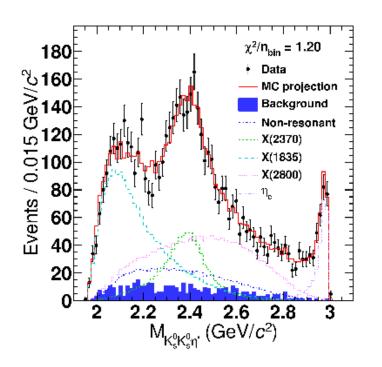






Discovery of a Glueball-like particle X(2370) @ BESIII?

For sure great interest in the field





... stay tuned...



Intermezzo

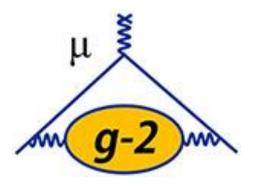


Muon g-2 puzzle



g-2

Speaker: Marin Karuza (Istituto Nazionale di Fisica Nucleare)



"Proximal" topic but of significant importance



Going Heavier



11:15

Review on heavy mesons

Speakers: Umberto Tamponi (Univ.Torino), Umberto Tamponi (INFN - Torino)

11:40

Spectroscopy of open flavor hadrons

Speakers: Maurizio Martinelli (EPFL), Maurizio Martinelli (Università degli Studi di Milano Bicocca e INFN)

12:05

Spectroscopy of new heavy baryons

Speaker: Paolo Gandini (Istituto Nazionale di Fisica Nucleare)



New Detectors for Spectroscopy (INFN)

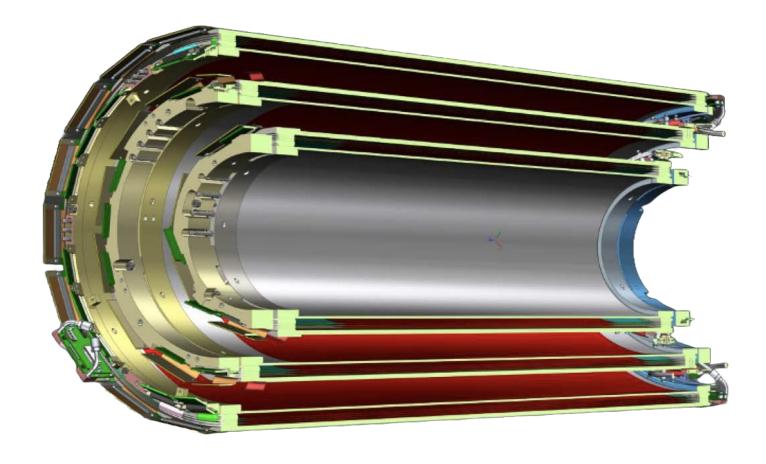




12:30

The new inner tracker CGEM-IT of BESIII

Speaker: Gianluigi Cibinetto (Istituto Nazionale di Fisica Nucleare)





Let's Start!



