

# Secondo incontro sulla fisica con ioni pesanti a LHC



# Welcome!

1<sup>st</sup> edition, Bologna 2015, 65 registered participants

“...strengthen and stimulate the discussion between theorists and experimentalists interested in heavy-ion physics, in order to better define the goals for analysis and theory developments for the near future...”

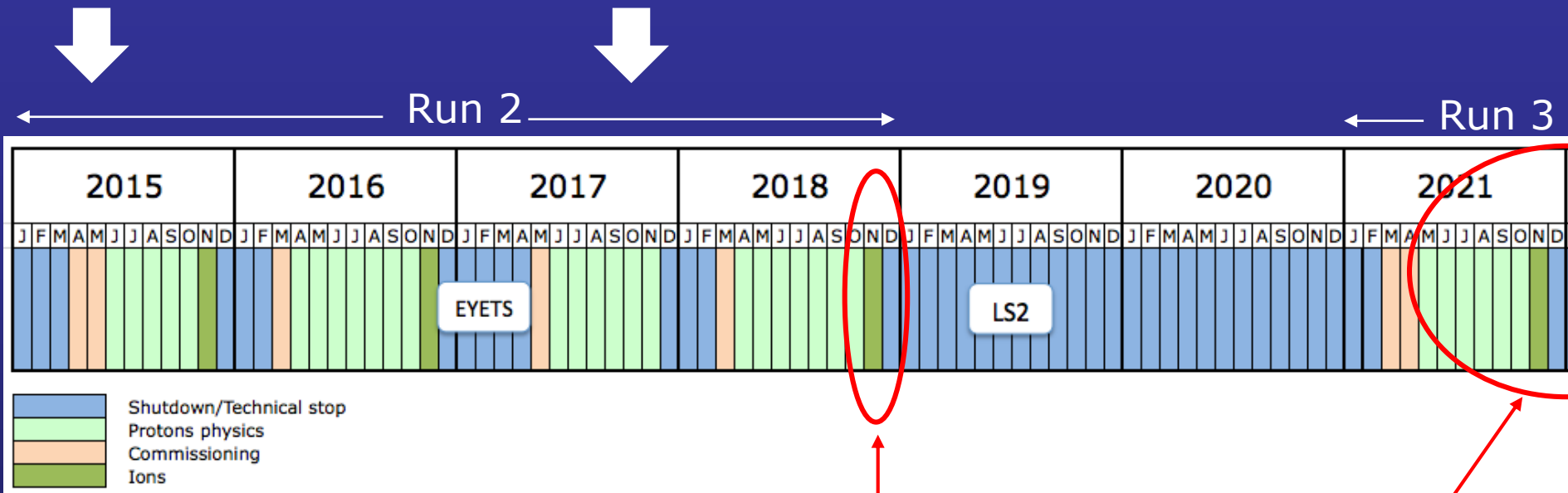
Very successful format ! Keep a similar structure for our meeting in Torino, devolving a large amount of time to discussions

Very good feedback → > 70 registered participants

# Setting the scene

Bologna

Torino



2018  
Pb-Pb data taking  
( $\sim 1 \text{ nb}^{-1}$ )

Run 3  
Pb-Pb data taking  
( $\sim 10 \text{ nb}^{-1}$ )

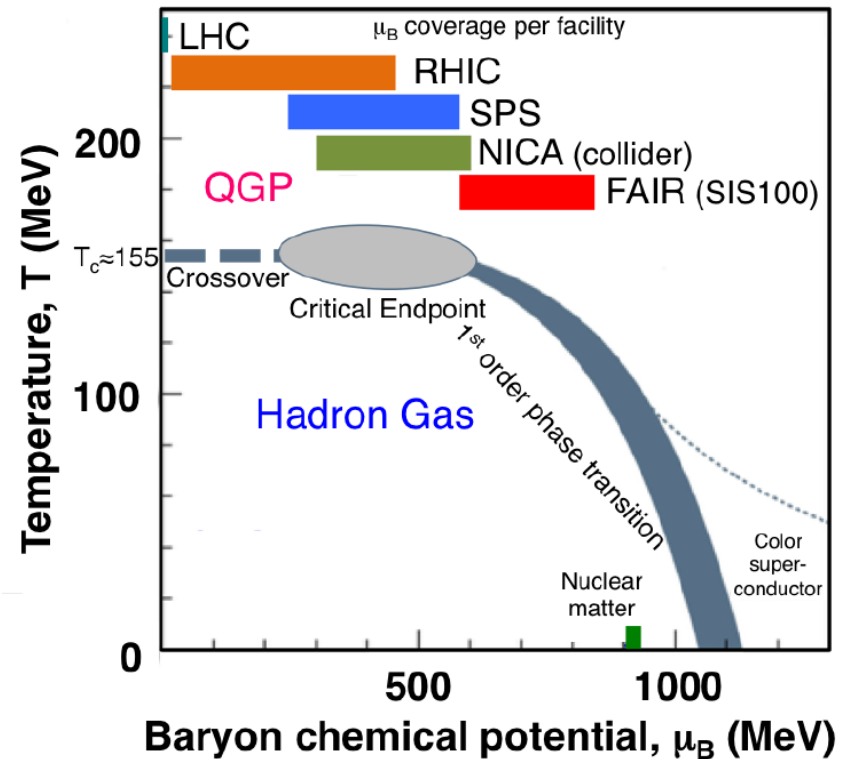
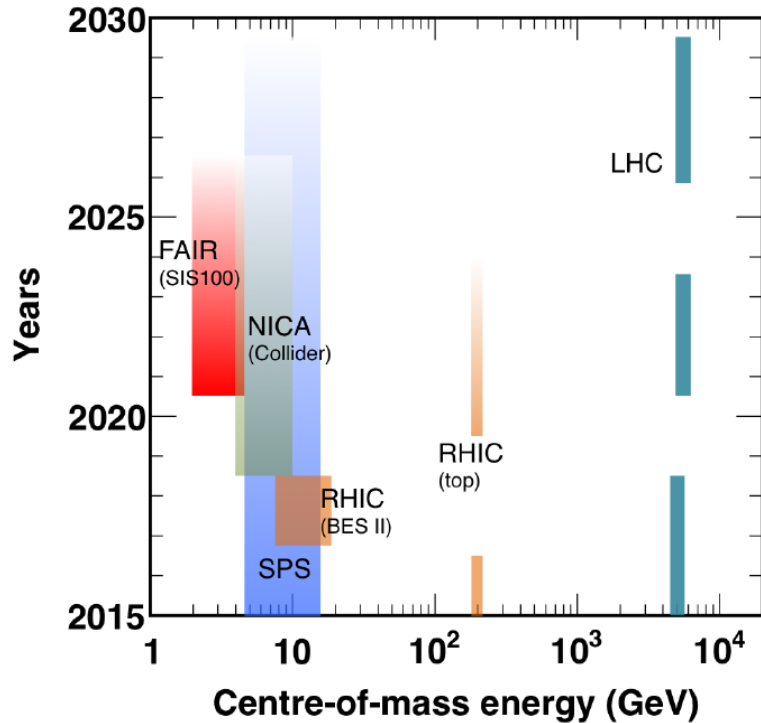
Furthermore

Pilot run Xe-Xe (this week!)

Reference pp data at  $\sqrt{s} = 5 \text{ TeV} \rightarrow$  December 2017

No further p-Pb data until run 4

# Not only LHC



Investigate the phase diagram of QCD  $\rightarrow$  high  $\mu_B$  facilities

# Meeting format

4 sessions, organized by 3 conveners each

- 1) **Fisica delle osservabili soft**: F. Bellini, S. Bufalino, V. Greco
- 2) **Studio dei piccoli sistemi**: F. Becattini, L. Bianchi, R. Preghenella
- 3) **Fisica delle osservabili hard**: G. Bruno, M.P. Lombardo, A. Rossi
- 4) **Prospettive future**: A. Dainese, M. Panero, G. Usai

Sessions 1,2,3

Introductory talk, followed by shorter topical talks

For topical talks, postpone questions to the Discussion session,  
moderated by the conveners

Session 4

More "traditional" organization, more independent topics

Discussion following each talk

Sharp deadline → today 7:30 pm (building closes)

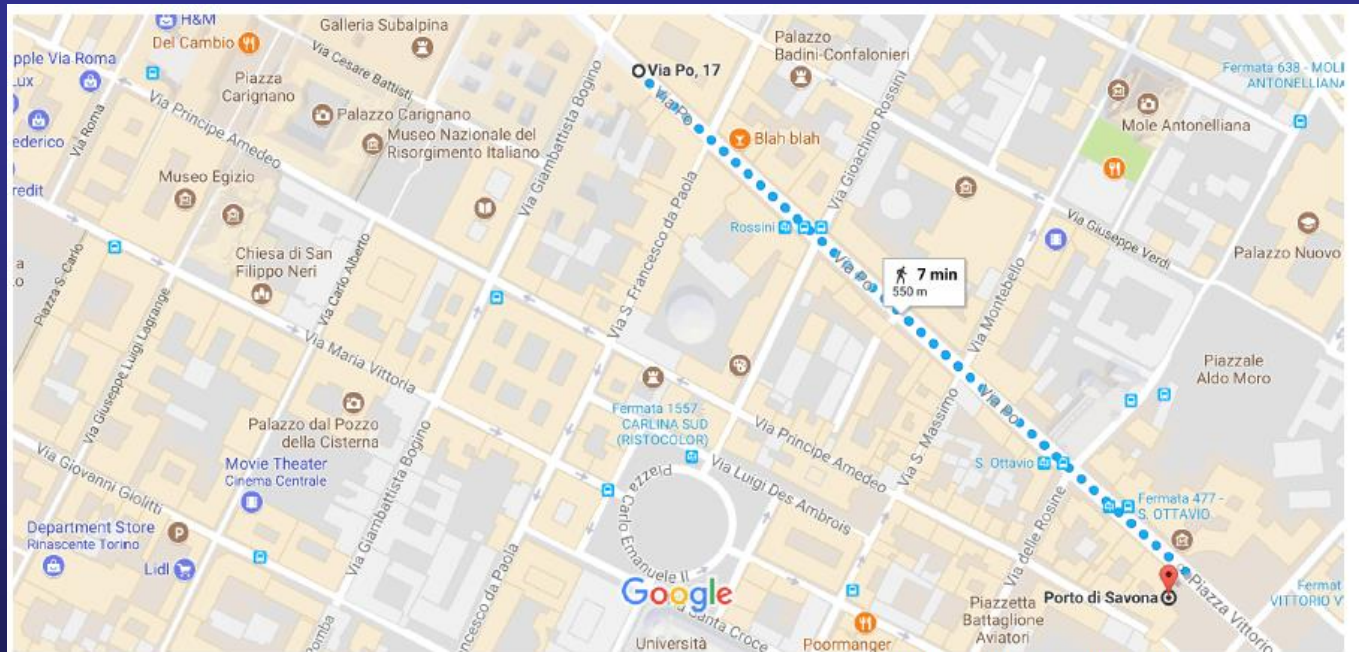
Soft deadline → tomorrow 4:30 pm



# Last but not least...

After working session, social dinner at 8pm tonight, walking distance

Ristorante "Porto di Savona", typical Piemonte menu



Map data ©2017 Google Italy 50 m



via Via Po  
Mostly flat

7 min

550 m

