



ELMA Project introduction: "Energy Loss Measurements with MAPS"

ELMA Workshop

10-11 September 2025 – Trieste (Italy)

A project and workshop funded by MAECI:



The ELMA project

The funding call

• "... the Italian Ministry of Foreign Affairs and International Cooperation (MAECI) issues a call for joint project proposals, as a step towards establishing a science and technology agreement of broader scope between the two Governments... to facilitate the access of Italian scientists to world-class large research infrastructures and large research centers located in Germany which provide enabling and unique scientific facilities..."

The project goal

 "This proposal aims at enabling the exploitation of the MAPS technology for deposited energy measurements and particle identification"

The partners

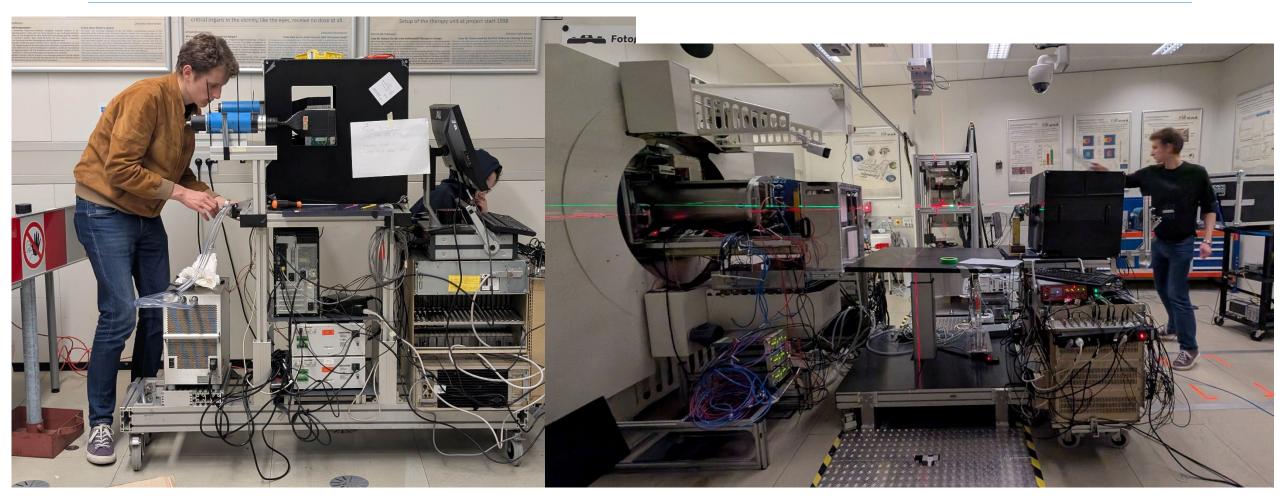
- Proponents: G. Contin et al., Department of Physics, University of Trieste
- Partner Institution: S. Masciocchi et al., GSI Helmholtz Center for Heavy Ion Research







The ELMA testbeam (May 2025)



See Anna Villani's talk this afternoon: «Preliminary look at the energy response of ALICE ITS3 babyMOSSto a mixed Ion beam"





The ELMA Workshop



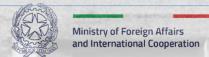




The ELMA Workshop

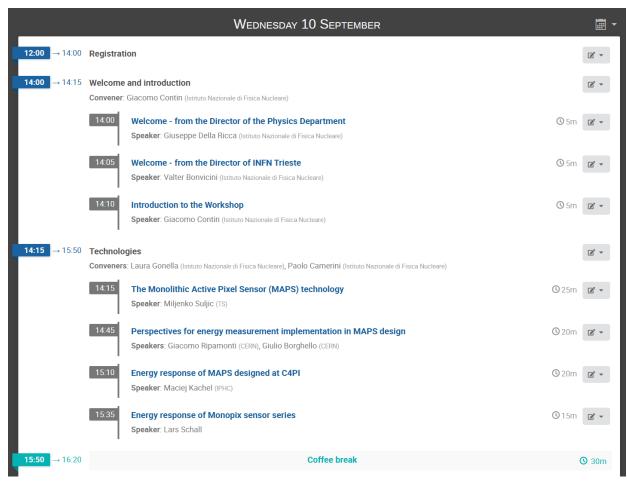


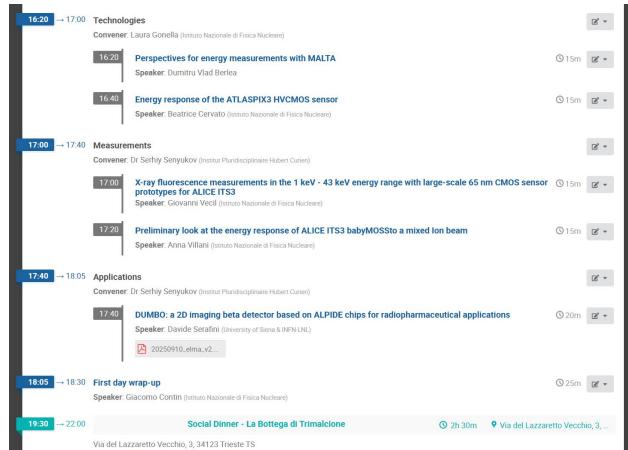






The ELMA Workshop – Wed. September 10th



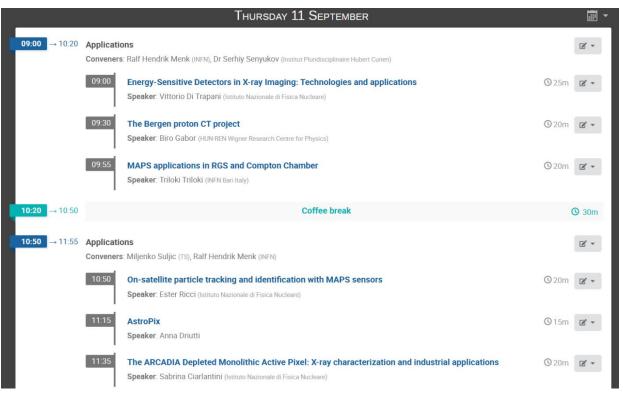


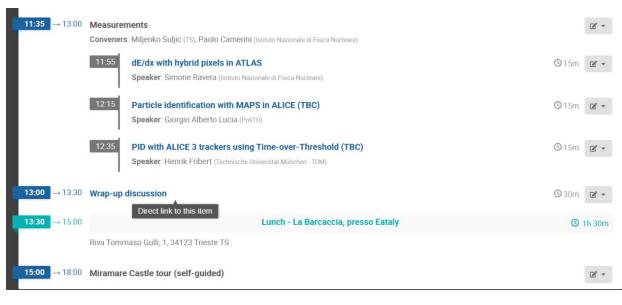






The ELMA Workshop – Thu. September 11th



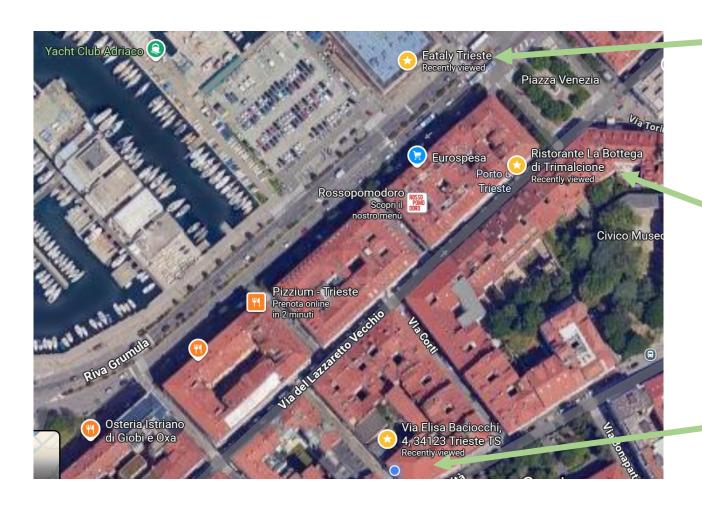








ELMA Social Events



- Thursday's lunch: Eataly (La Barcaccia)
 - Riva Tommaso Gulli, 1

- Wednesday's dinner: La Bottega di Trimalcione
 - Via Lazzaretto Vecchio, 3

- ELMA Workshop
 - Androna Baciocchi, 4

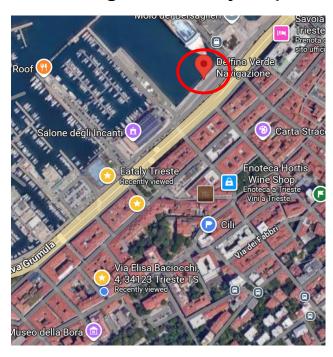






Thursday suggested activity

- The weather is not going to be great, but you might still enjoy a ferry boat trip to the Miramare Castle on Thursday afternoon!
 - 35' ferry trip to Grignano (departure at **15.30 from the waterfront**) to enjoy an amazing view of the city from the sea and visit the Miramare Castle and Park. Returning to the city is possible via ferry or via bus.











Some more instructions — Please:

- Upload your slides before the start of the session
 - Select the protection level you wish for your file!
- Let us know if you changed your plans for the social dinner!

- Enjoy the Workshop!
 - Stay in touch!





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