



Welcome to Munich

- Many good reasons to held this meeting in Munich
 - Fermi symposium *in primis*
now
 - [ESA interview of Nov 7](#)
- Unfortunately, very bad timing for organization
 - 100th anniversary of MPI
 - MPE secretaries busy with INTEGRAL meeting
 - People at NASA busy with big event of Oct 16
- We did our best being abroad (a company was hired)
 - + Thanks to Luca, Riccardo, Jurgen, Natalia, ...

Still we apologize if something will not work – but believe me, it has not been easy
[But in any case what counts is the scientific output: and believe me, it is beyond my expectations](#)

[And register for the dinner if you want to come \(at 12h we must close\).](#)



e-ASTROGAM
at the heart of the extreme Universe
Proposal submitted for the ESA M5 Mission Programme
October 5, 2016

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2029: Launch

History & next steps in a nutshell

Jun 2016: EoI

Oct 2016: Proposal submitted to ESA M5

Feb 2017: Endorsement from the agencies

Jun 2017: Downselection to 13: we are in

October 20: questions to PI from ESA

October 30: answers to ESA due

November 7: interview

December: downselection to 3

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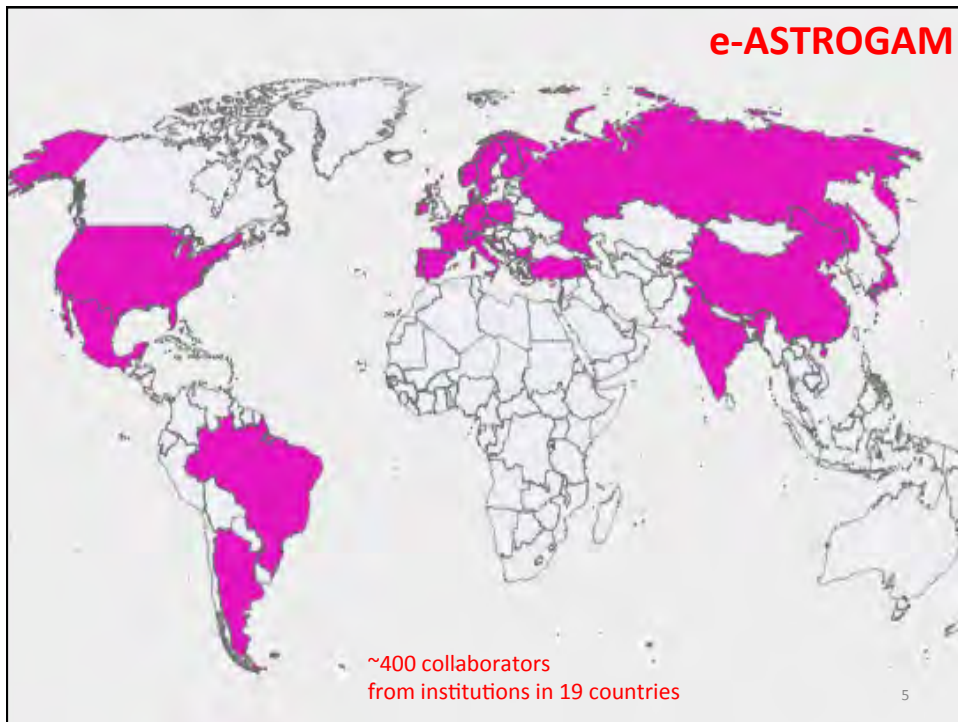
2029: Launch

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What's new: the collaboration

- The February accident made us stronger
 - Reduced ESA cost to ~ 410 MEUR
 - We discovered that we had a lot of friends who helped us after the severe injustice we suffered
- New institutes and countries joined for the White Book
- Italy: INFN recognized the collaboration and started funding

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What's new: science

- There are rumors that on Monday Oct 16th, the first gamma ray-gravitational wave coincidence will be announced. It is the beginning of multimessenger astrophysics. And it's a cake for e-ASTROGAM
 - Should be reflected with energy in the WB
- There are rumors that in ~1 month from now the first gamma ray-neutrino coincidence will be announced. And it's again a cake for e-ASTROGAM
 - Should be reflected with energy in the WB
- MeV is the key (let's reflect this clearly in the WB)

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Summary

- Exciting perspectives for e-ASTROGAM if we play well
 - Probability to go to phase A ~ 25% - 50%
- But the toughest examination is now
 - White Book (Draft 0.9 on arXiv on Wednesday)
 - Questions from ESA (Oct 20)
 - Answer questions (Oct 21 – Oct 30)
 - Interview (Nov 7)
 - I can bring 2 colleagues with me
 - We need a rehearsal. Meeting de visu of the team for the interview, the others in skype. Nov 5? Before?
- We must pass this phase
 - After this phase big money should start flowing

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Organization of this meeting

- Our next goal is our **white book!**
 - Review all chapters
 - Is the **order** of the contributions correct? Does it give a correct **presentation** of the mission's scientific interest? Are the **titles** appropriate? **The index should make an impact.**
 - What is missing?
 - Discussions, small groups! Be operational! Convenors should convey to Manuela the proposed modifications.
 - At the end of each day, room for people to discuss in an operational way!!!
 - **Goal: submission of Draft 1 on Wed (ESA meeting on Thu)**
- Next: Q&A from ESA
 - Keep free Oct 20 – Oct 30, please...

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