



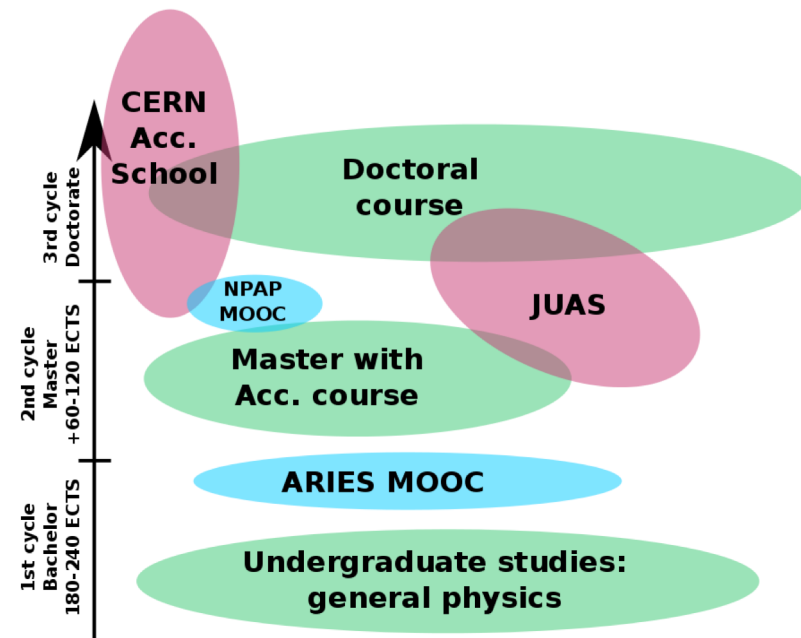
# The ARIES Massive Open Online Course

21<sup>st</sup> April 2020

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# Reminder

- This Massive Open Online Course aims at raising awareness on Accelerator Science and Technology among University students.
- Complementary to JUAS, CAS and University courses.
- It is organised in 2 modules:
  - an introductory module  
*4 topics of 1 hours each*
  - an advanced module  
*6 topics of 1 hours each*



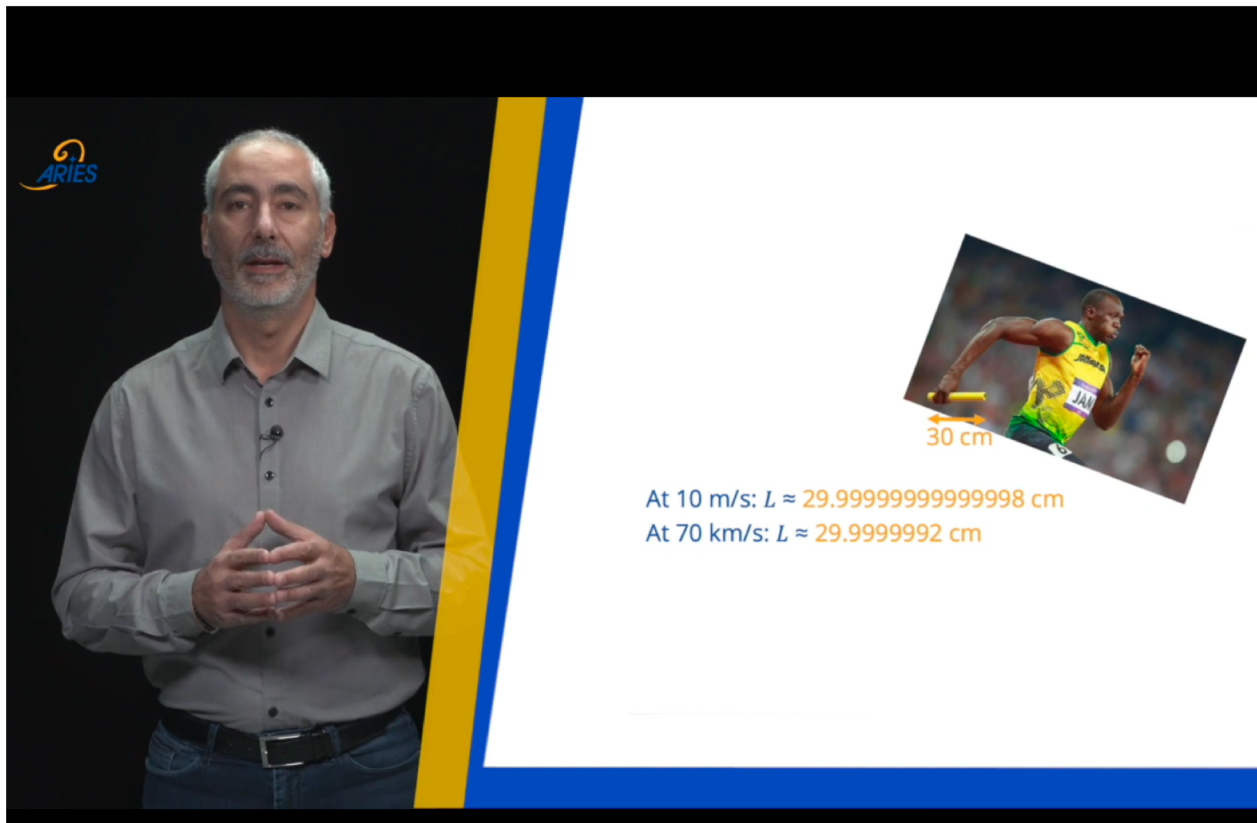
# Progress

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- Pedagogical engineering done by University Paris-Sud (now University Paris-Saclay).
- Recording was done for 2 topics (Electromagnetism and Relativity).
- These topics are ready in test mode (ARIES deliverable 2.4).
- Final review meeting was cancelled due to the lockdown in France and had to be done by email.
- The two other topics (introduction and applications) are progressing and the recording should take place before the end of the year.

# Example: Relativity video #1 (Elias Metral)

- As an example, the first theme of the relativity topic can be previewed at [http://particle-accelerators.eu/?page\\_id=108](http://particle-accelerators.eu/?page_id=108)



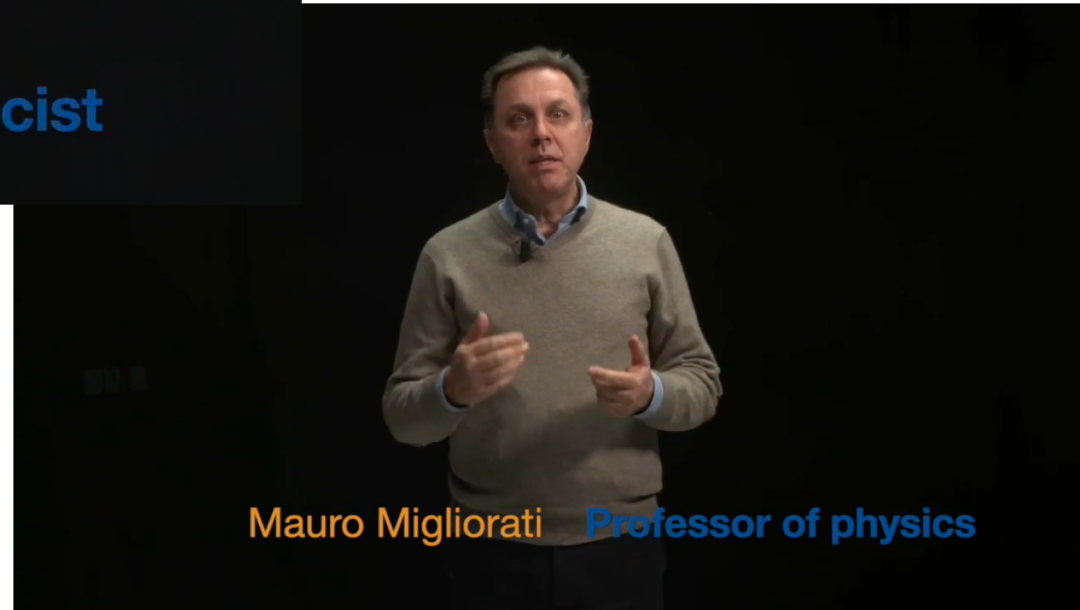
ARIES

30 cm

At 10 m/s:  $L \approx 29.999999999999998$  cm  
At 70 km/s:  $L \approx 29.9999992$  cm

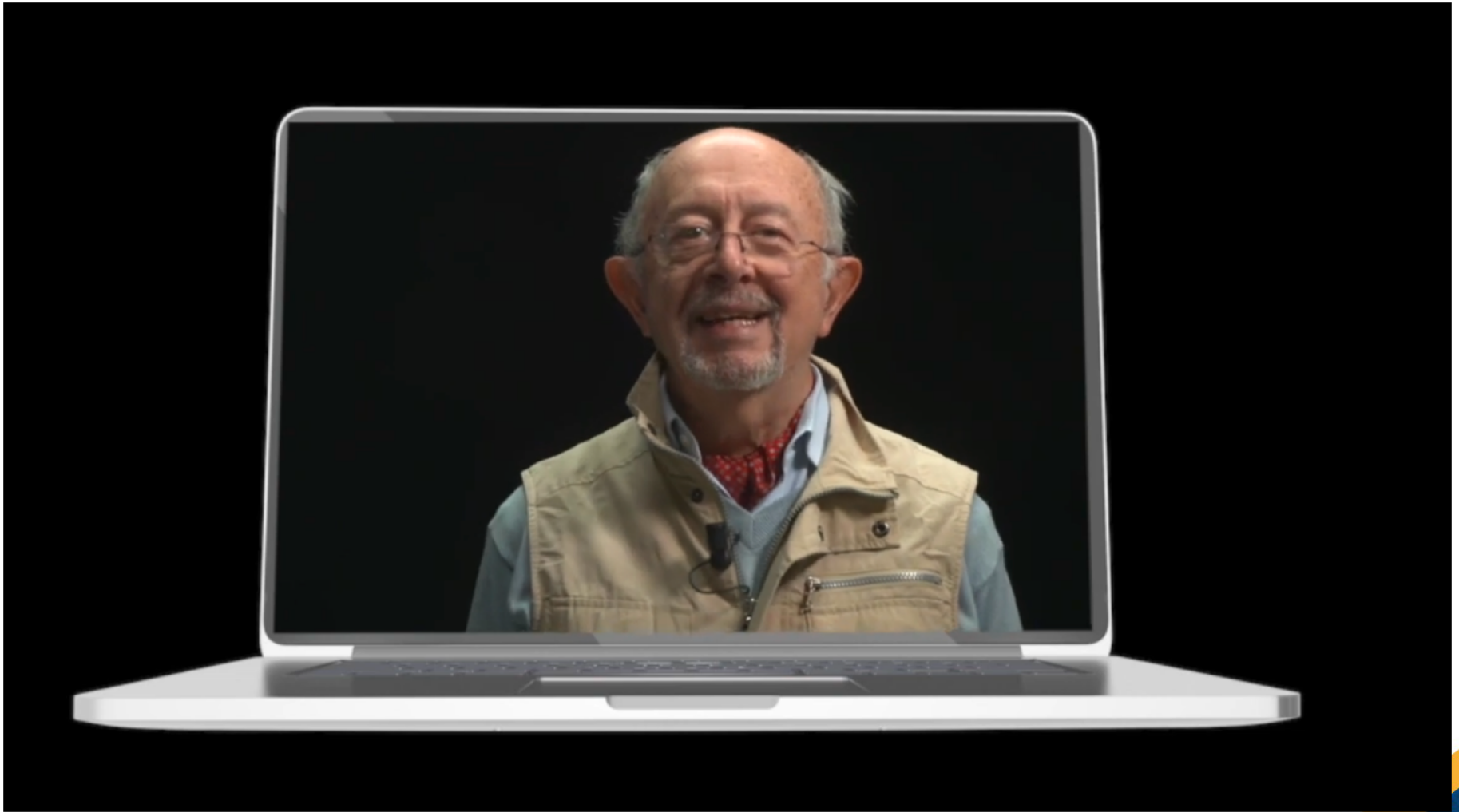
# Other videos from the Relativity topic

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# Electromagnetism topic: Vittorio Vaccaro

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# Other topics

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- **Introductory module**

- Introduction (Philippe Lebrun):
  - *currently working on the slides of the topic.*
- Applications (Angeles Faus-Golfe):
  - *first slide review done, recording will take place soon after the end of the lockdown.*

- **Advanced module**

- RF (Graeme Burt):
  - “ramping up”
- Other topics:
  - Some coordinators appointed, some still to be found.

# Outlook

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- The deliverable has been reached:  
The online course is ready in test mode and one video can be seen at  
[http://particle-accelerators.eu/?page\\_id=108](http://particle-accelerators.eu/?page_id=108)
- The current lockdown made the final review more difficult but this has been done remotely.
- Other topics are coming soon.
- Topics will be added to <http://particle-accelerators.eu/> as they become ready.





**Thank you**