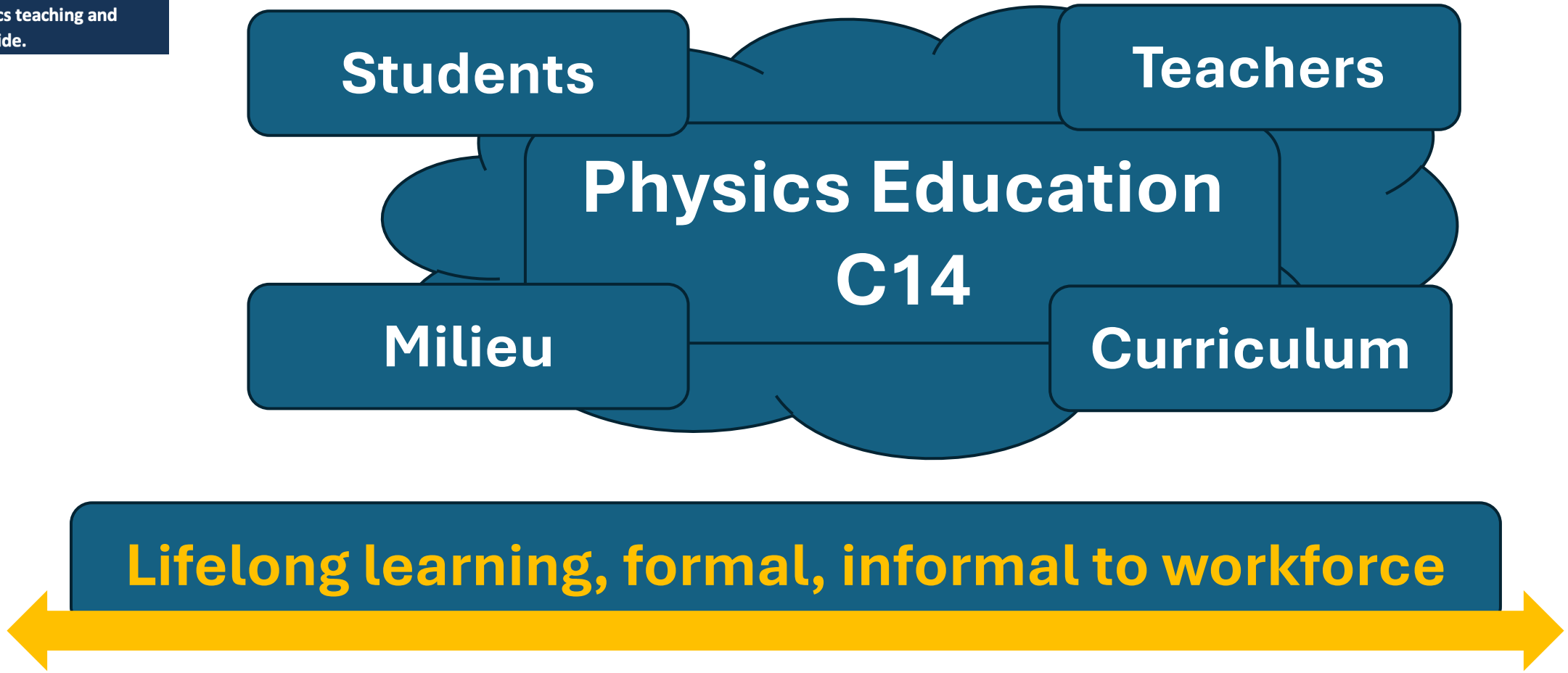
IUPAP International Union of Pure and Applied Physics

Commission 14

International Commission on Physics Education
(ICPE) · Established 1960

Advancing physics teaching and learning worldwide.



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Physics Panorama

(2018-20)

64 approached

20 responded

Roberto Nardi

Fabiano Parma

(C14 Chair, PhD student)



IUPAP Members
Country Information

Australia

Population	Human Development Index (HDI)
25,365,745 (2019)	0.944 (2019)
Gross Domestic Product (GDP)	Educational Index
US$ 1,397 bi (2019)	0.924 (2019)

What is the institution responsible for the Physics in the country?

What is the institution responsible for the Physics Education in the country?

How many physicists are there in the country? How many of them are associated with the institution responsible for Physics?

Number of students in Basic Education:

Number of Physics undergraduate students:

Number of undergraduate degrees awarded in physics education:

Number of Physics teachers in Basic Education (Secundary and/or High School, level):

Number of Physics teacher training courses?

Number of Physics professors in graduate programs:

National events in Physics Education:

National journals for the Physics and Physics Education:

How are the teachers trained to be a Physics teacher in high school level?

Is there official programs for continuing education for Physics teachers?

Is there financial support?

Responsible for the data:

Other Comments

References

Argentina
Australia
Brazil
China: Taipei
Czech Republic
Finland
France
Germany
Iran
Ireland
Italy
Japan
South Korea
Pakistan
Philippines
Romania
Slovenia
Switzerland
United Kingdom
United States of America

Silvina Ponca
2026

Brazil
South Korea
Slovenia
United Kingdom
…

Similar issues
Diverse contexts
Diverse solutions
National level

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Physics education (and communication) are increasingly critical to the health of physics.

Does physics education remain confined to C14?

Physics education @ IUPAP

Can we apply the WiP model to physics education?

International Physics Conference 2027

Focus on sustainability (EMC & student voice)