

# Programme Objectives

Norwegian Teacher Programme 2024



# Why do we do all this?



# Why do we do all this?

To bring modern science into the classroom!



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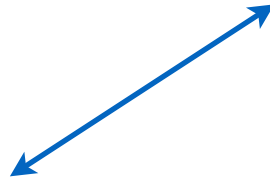
👉 scientific awareness 👈



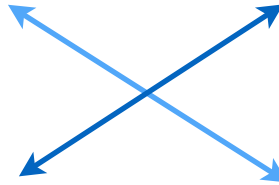




# CERN's Approach



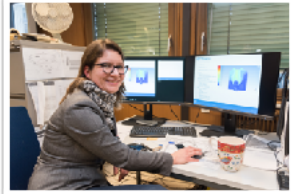
# CERN's Approach







# We need you!



teachers



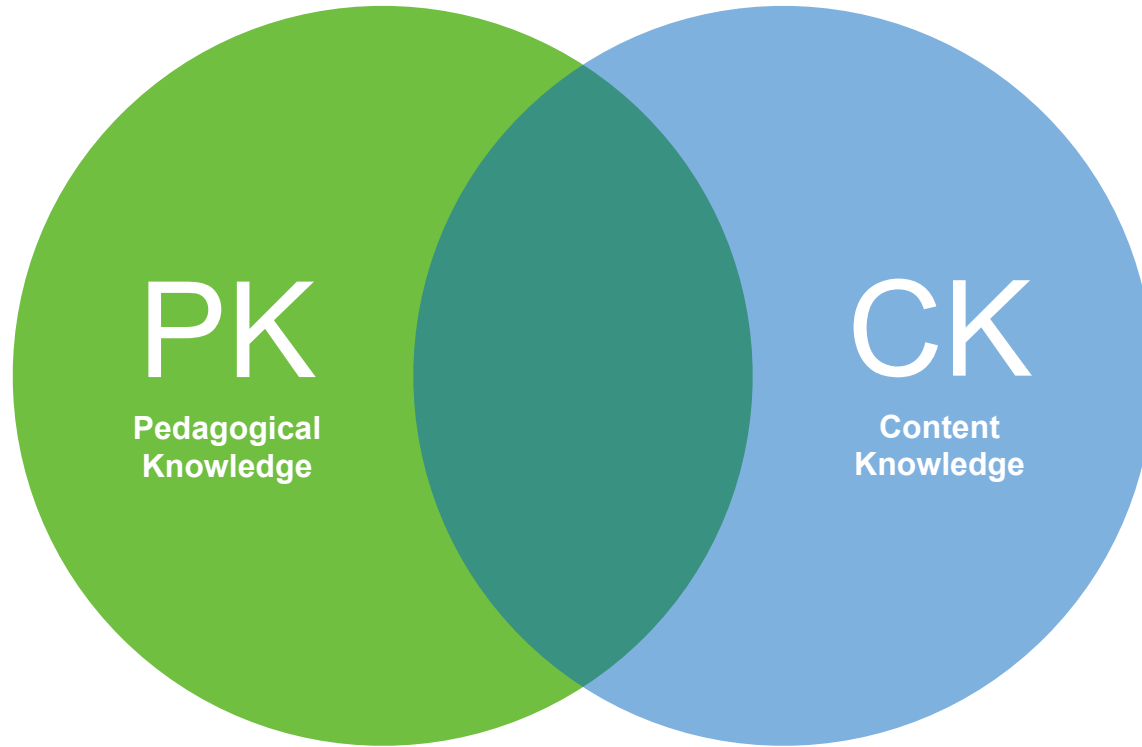
# Teacher Knowledge

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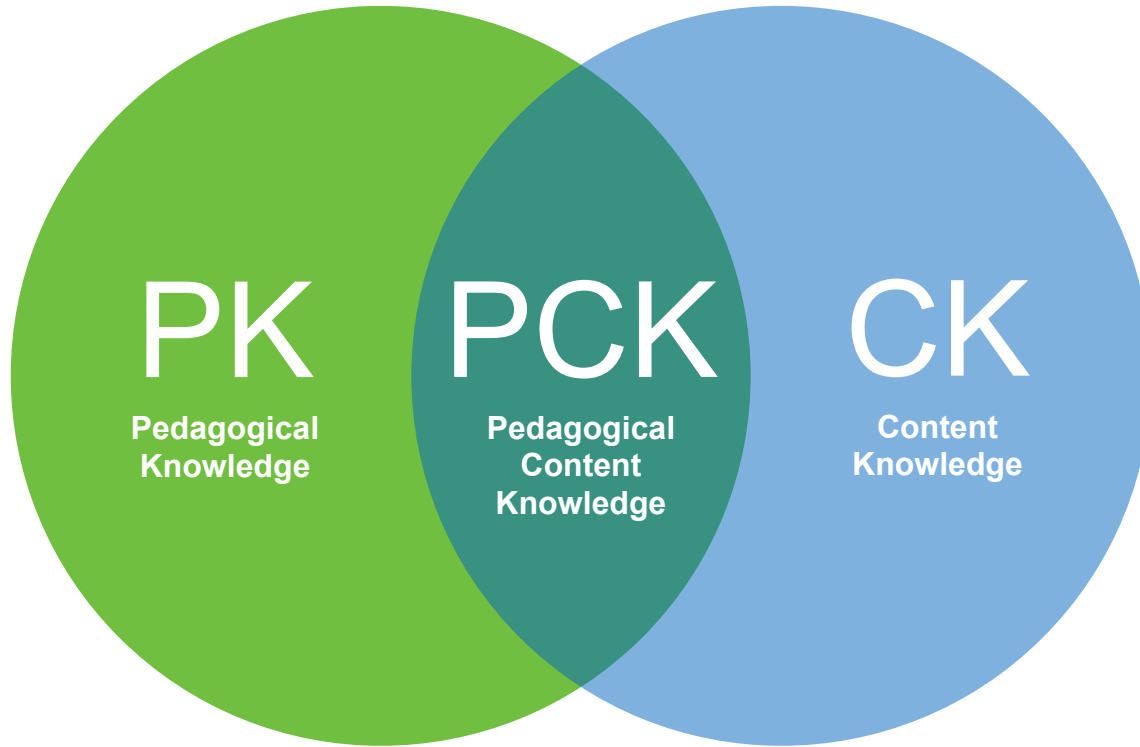
PK

Pedagogical  
Knowledge

# Teacher Knowledge



# Teacher Knowledge



# CERN's Teacher Programmes

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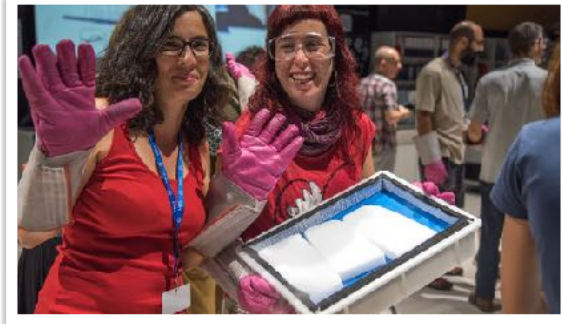




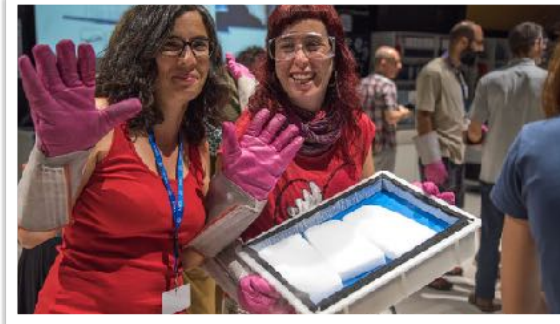
# CERN's Teacher Programmes



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National Teacher Programmes in native language | 4-6 days



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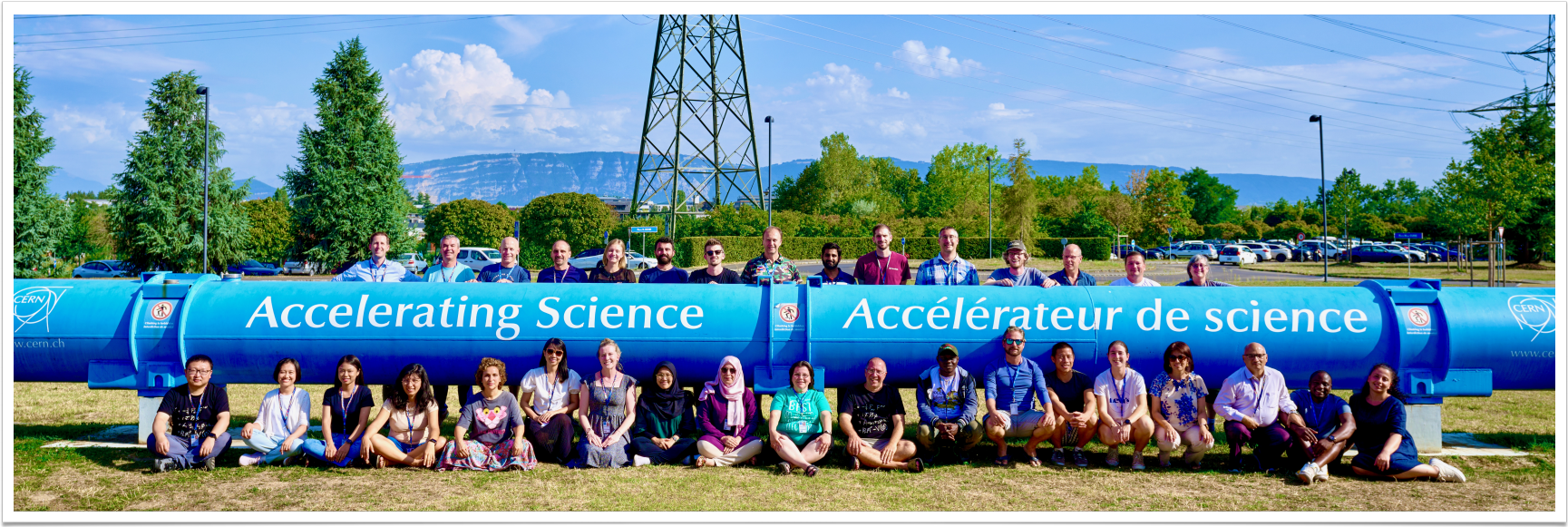
National Teacher Programmes in native language | 4-6 days

International Teacher Programmes in English | 2 weeks

# CERN's Teacher Programmes

National Teacher Programmes in native language | 4-6 days

International Teacher Programmes in English | 2 weeks



# CERN's Teacher Programmes

## Teacher Programme Participants 1998-2023 (Total: 14 671)



### Member States 11 635

Austria 318 – Belgium 156 – Bulgaria 885  
Czech Republic 223 – Denmark 370 – Finland 550  
France 514 – Germany 1183 – Greece 1023  
Hungary 582 – Israel 54 – Italy 1213  
Netherlands 237 – Norway 160 – Poland 627  
Portugal 516 – Romania 21 – Serbia 84  
Slovakia 309 – Spain 756 – Sweden 319  
Switzerland 135 – United Kingdom 1400

**Associate Member States  
in the pre-stage to Membership 192**  
Cyprus 16 – Estonia 120 – Slovenia 56

**Associate Member States 964**  
Croatia 156 – India 17 – Latvia 91 – Lithuania 75  
Pakistan 11 – Türkiye 406 – Ukraine 208

**Observers 590**  
Japan 12 – Russia (suspended) 431  
United States of America 147

### Non-Member States and Territories 1290

Algeria 11 – Angola 13 – Argentina 3 – Armenia 3 – Australia 16 – Azerbaijan 2 – Bahrain 3 – Bangladesh 1 – Belarus 11  
Bosnia & Herzegovina 37 – Brazil 294 – Burundi 2 – Cameroon 13 – Canada 24 – Cape Verde 6 – Chile 4 – Colombia 8  
Costa Rica 4 – Dominican Republic 73 – Ecuador 2 – Egypt 3 – Eswatini 1 – Georgia 216 – Ghana 7 – Guinea Bissau 3  
Indonesia 5 – Iran 15 – Ireland 10 – Jordan 13 – Kazakhstan 14 – Kenya 4 – Kuwait 1 – Kyrgyzstan 2 – Lebanon 21  
Madagascar 2 – Malaysia 4 – Malta 51 – Mexico 143 – Moldova 4 – Mongolia 1 – Montenegro 18 – Morocco 2  
Mozambique 26 – Nepal 7 – New Zealand 6 – Nigeria 2 – North Macedonia 13 – Palestinian Territories 5  
People's Republic of China 4 – Peru 1 – Philippines 7 – Qatar 1 – Republic of Korea 49 – Rwanda 20 – Sao Tome 9  
Saudi Arabia 1 – Singapore 3 – South Africa 11 – Sri Lanka 3 – Taiwan 1 – Tajikistan 1 – Tanzania 1 – Thailand 25  
Timor-Leste 11 – Uganda 3 – United Arab Emirates 1 – Uruguay 3 – Uzbekistan 1 – Venezuela 1 – Vietnam 3 – Zimbabwe 1



# Outcome and To-Do-List

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- Share your experience with your students, your colleagues, and the general public.



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- Act as ambassador for science/engineering and in particular for particle physics.



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- Share your experience with your students, your colleagues, and the general public.
- Act as ambassador for science/engineering and in particular for particle physics.
- Organise follow-up activities.



# Merci bien!

## Questions?

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