

# Ireland @ CERN

Venus Keus

# DIAS

Institiúid Ard-Léinn | Dublin Institute for  
Bhaile Átha Cliath | Advanced Studies



July 21, 2023

# Irish university activities at CERN



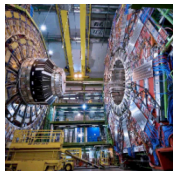
## Experimental Physics:

LHCb experiment (UCD)

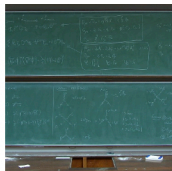
CMS experiment (UCD)



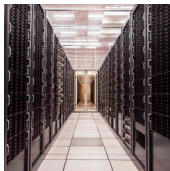
University College Dublin  
Ireland's Global University



Experimental Physics



Theoretical Physics



Computer Science

## Theoretical Physics:

Lattice Gauge Theory (TCD)

Quantum Field Theory (Maynooth)

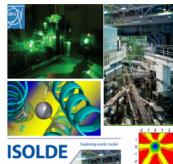
String Theory (TCD)

Scattering Amplitudes (TCD)

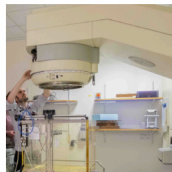
Higgs Physics (DIAS)

Collider phenomenology (DIAS)

Early universe cosmology (DIAS)



Materials



Health



Engineering



Trinity College Dublin  
Coláiste na Tríonóide, Baile Átha Cliath  
The University of Dublin

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Maynooth University  
National University  
of Ireland Maynooth

# Ireland is finally joining CERN

## Trinity academics call on Ireland to join CERN

by Leigh Mc Gowran

1 OCT 2018 SAVE ARTICLE

Directives

Harris say benefits of joining Cern 'significant' as department prepares submission

Minister tells Dáil he has Taoiseach's full support in bid to join nuclear research agency

THE IRISH TIMES

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Science Analysis

## A happy new year for Ireland and Cern

Irish scientists could at last participate in 'big science' experiments and work with the best in the world

Ireland should join Cern, says Oireachtas committee

Membership of organisation is critical to becoming 'a global innovation leader'

Thu Nov 14 2019 - 11:08

Why is Ireland not a member of Cern?

State has rich history in particle physics but will not cough up €1m Cern membership fee

Thu Jan 24 2018 - 01:00

Government to consider Cern membership

Review will study benefits and costs of joining the European nuclear research lab

Thu Jan 30 2014 - 22:29

Ireland could join CERN by 2018 - Gianotti

Updated / Friday, 4 Nov 2016 14:06

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You are cordially invited to ...

**Cosmology, Astrophysics, Theory and Collider Higgs 2024 conference  
(CATCH22+2)**

**1-5 May 2024  
Dublin, Ireland**



Webpage: <https://indico.cern.ch/e/catch24>

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