

Welcome IN Kraków!

M E S O N
2 0 2 6

**18th International Workshop
on Meson Physics**

25th - 30th June 2026, Kraków, Poland

Organized by Jagiellonian University,
GSI Helmholtz Centre for Heavy Ion Research,
INFN-LNF Frascati, Institute of Nuclear Physics PAS



The historic centre of Cracow, the former capital of Poland, is situated at the foot of the Royal Wawel Castle.

The 13th-century merchants' town has Europe's largest market square and numerous historical houses, palaces and churches with their magnificent interiors. Further evidence of the town's fascinating history is provided by the remnants of the 14th-century fortifications and the medieval site of Kazimierz with its ancient synagogues in the southern part of town, Jagellonian University and the Gothic cathedral where the kings of Poland were buried.

(UNESCO)



Jagiellonian University



- Oldest Polish University founded in 1365 by King Kazimierz III the Great (as „Studium Generale”, later Kraków Academy)
- Current name given in 1817



Collegium Maius
(oldest University building-
1400)



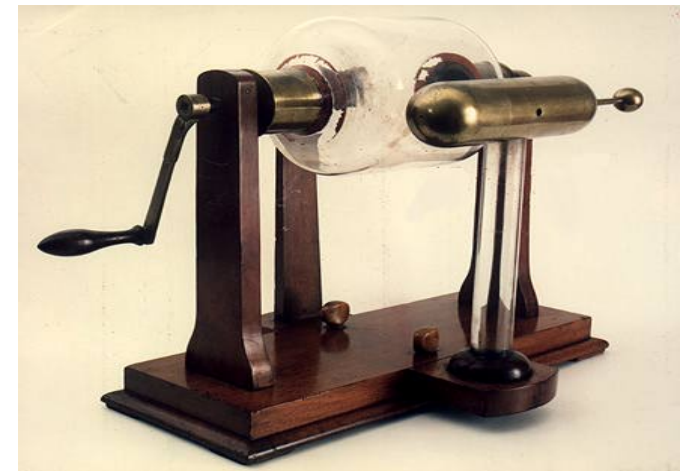
Jagiellonian University

Collegium Maius – University Museum

Treasure chamber of M. Kopernik



„The golden Jagiellonian Globe” 1510-1511



Laboratory equipment

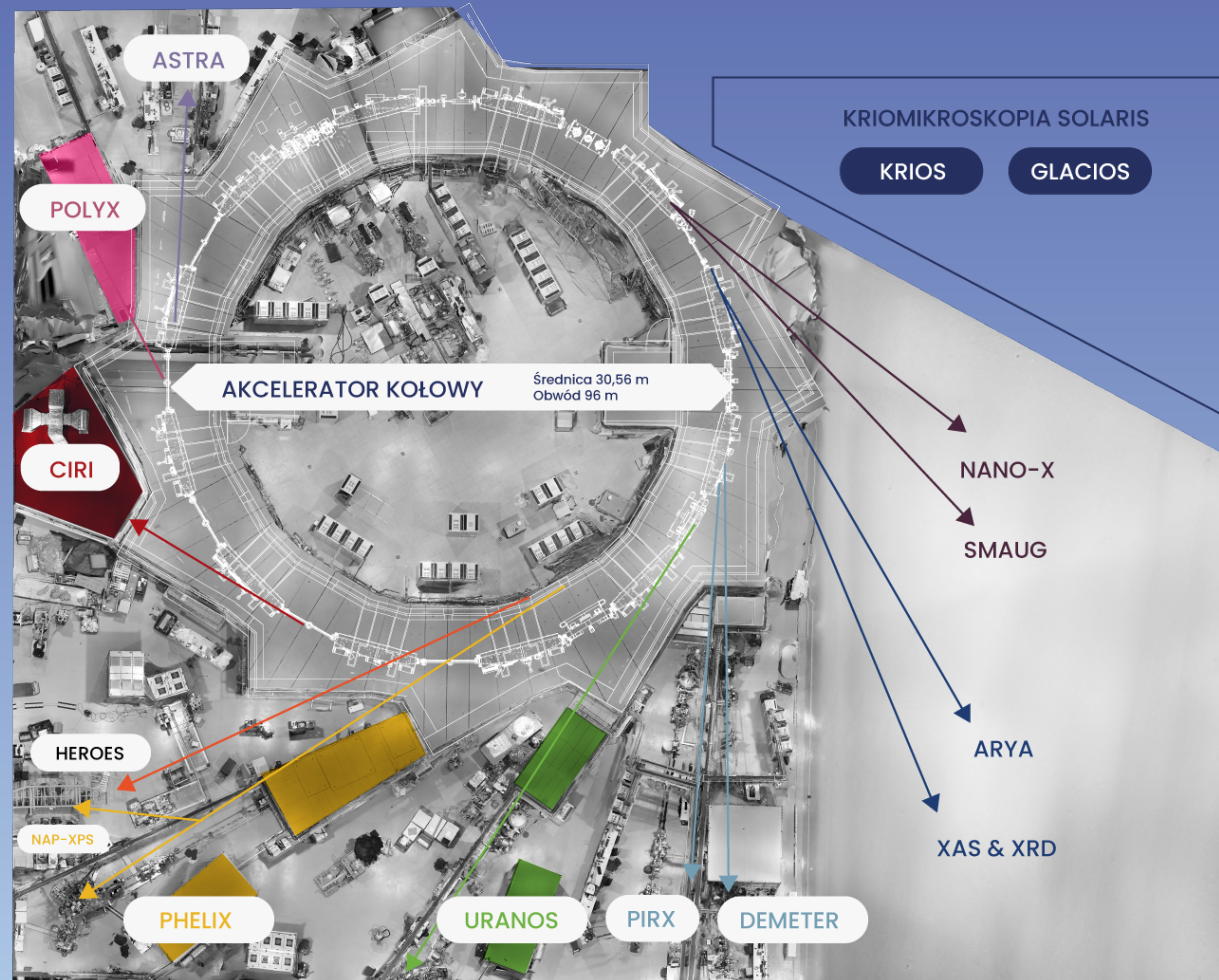
SOLARIS

National laboratory

Synchrotron with electrons up to 1.5 GeV and 500 mA

Seven line with photons and 11 detectors

Research area: material science



FACULTY OF PHYSICS, ASTRONOMY AND APPLIED COMPUTER SCIENCE

HISTORY

662 years



Collegium Maius
1364



Collegium Physicum
1911



Collegium Physicum
1791



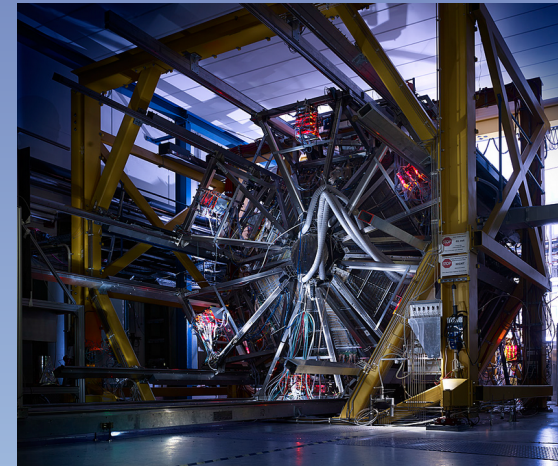
Collegium Physicum
1967



Collegium Physicum
2014

RESEARCH  Particle and Nuclear Physics

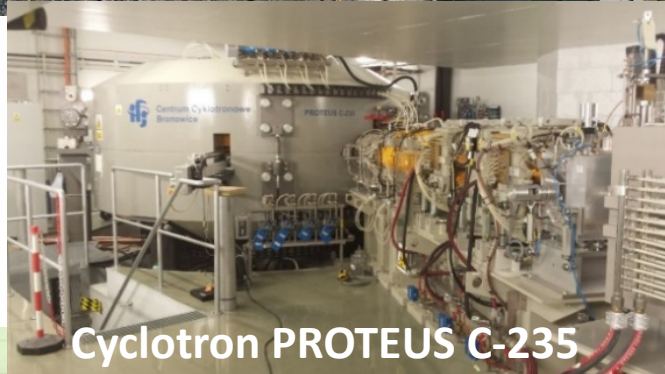
- High Energy particle physics experiments (ATLAS@LHC, QCD@FAIR).
- Ultrarelativistic collisions of heavy ions (NA61/SHINE@SPS, HADES / CBM @ FAIR).
- Physics of neutrinos (BOREXINO, SOX, GERDA, LEGEND).
- Dark matter searches (DarkSide).
- Developments of particle detectors , read-out and data processing
- Applied nuclear physics : first large body Positron Emission Tomography scanner build from plastic scintillators (Jagiellonian PET).



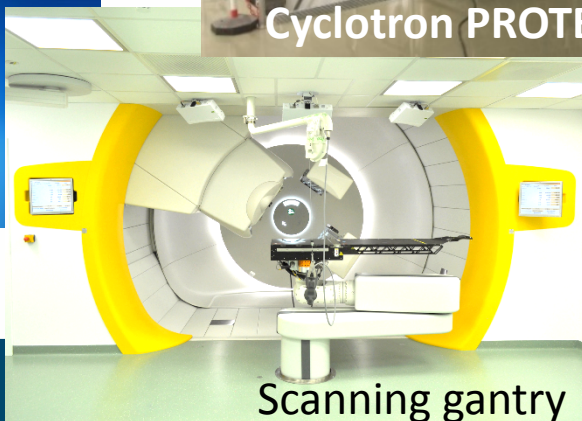
JU is a shareholder and national hub for Polish institutions in FAIR



**Proton cancer
therapy**



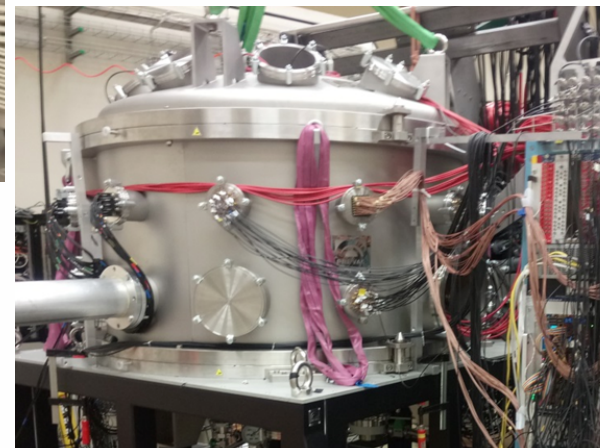
Cyclotron PROTEUS C-235



Scanning gantry

proton
beam 70-
230 MeV

**Fundamental research
in nuclear physics**





CHAIRMEN:
Andrzej Magiera, Jagiellonian University
Walter Oelert, Forschungszentrum Jülich
ORGANIZING COMMITTEE:
Eckart Grosse, Gesellschaft
für Schwerionenforschung Darmstadt



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Meson Production, Interaction and Decay

1991



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After 35 years, the mission of MESON conference is still alive and getting new impact (looking forward to talks in this conference)

A hidden symmetry with WC/EC...

2002	2004	2006	2008	2010	2012	2014	2016	2018	2022
WC	EC	WC	EC	WC	EC	WC	EC	WC	(antycoinc.)
Brasil	Greece	Italy	Spain	Spain	Spain	Germany	Portugal	France	Argentina
									



2026?
Again in sync
with MESON!