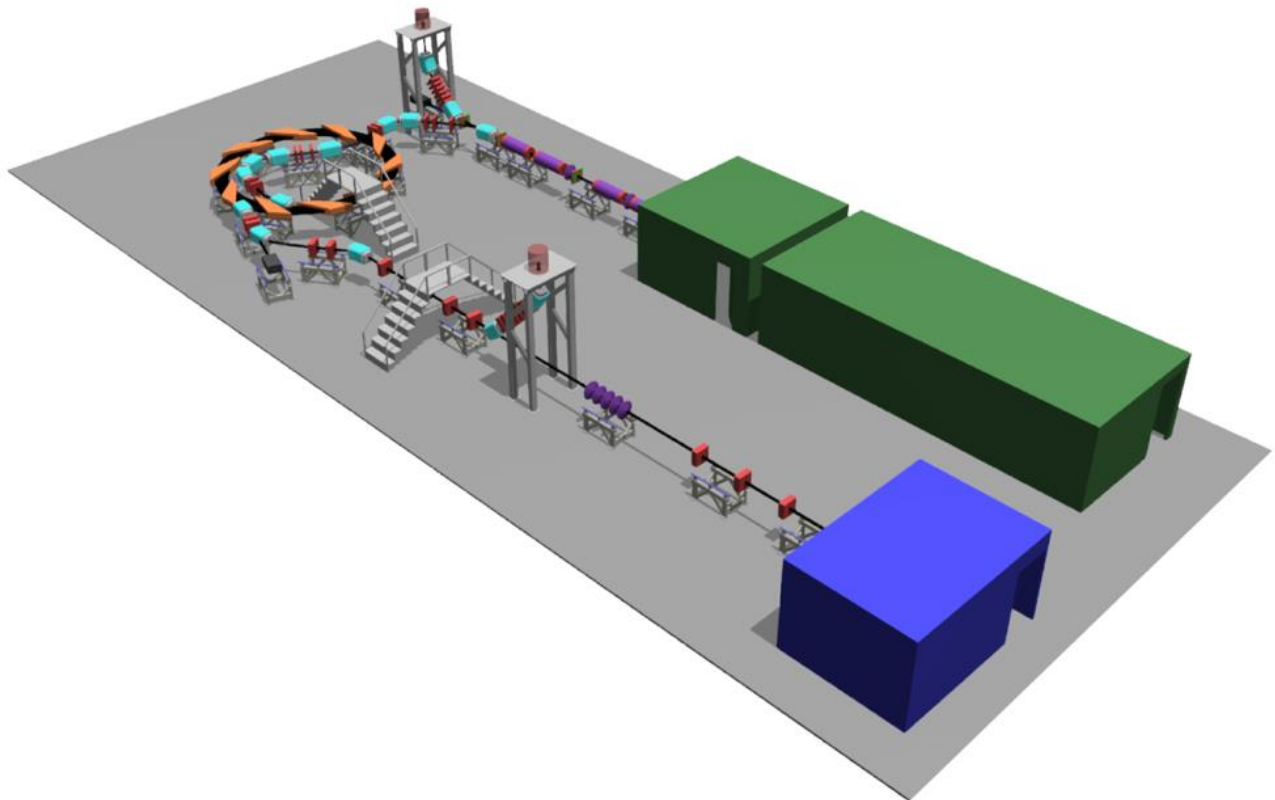


# Ion Therapy Research Facility

## 1. Schematic diagram of the Ion Therapy Research Facility



## 2. ITRF development timeline

	2022				2023				2024				2025				2026				2027				2028				2029				2030				2031				...												
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	...																
Preliminary Activity (PA)	█				█				█				█				█				█				█				█				█				█				█												
Preconstruction programme	█				█				█				█				█				█				█				█				█				█				█				█								
Facility construction	█				█				█				█				█				█				█				█				█				█				█				█				█				
Facility exploitation	█				█				█				█				█				█				█				█				█				█				█				█				█				

## 3. Institutes that make up the ITRF collaboration

A central circular diagram with 'Partners' in the center, surrounded by 'University', 'Clinical', 'Accelerator', and 'Industry Laboratory'. The diagram is surrounded by logos of various collaborating institutions:

- Imperial College London: Department of Physics, Faculty of Medicine
- ICR: The Institute of Cancer Research
- Medical Research Council: Oxford Institute for Radiation Oncology
- UNIVERSITY OF OXFORD: John Adams Institute for Accelerator Science
- CCAP: Centre for the Clinical Application of Particles
- Imperial College Academic Health Science Centre
- CANCER RESEARCH UK
- IMPERIAL CENTRE
- Imperial College Healthcare NHS Trust
- MANCHESTER 1824: The University of Manchester
- UNIVERSITY OF BIRMINGHAM
- UNIVERSITY OF LIVERPOOL
- LANCASTER UNIVERSITY
- ROYAL HOLLOWAY UNIVERSITY OF LONDON
- UNIVERSITY OF STRATHCLYDE GLASGOW: DEPARTMENT OF PHYSICS
- UCL: MEDICAL PHYSICS & BIOMEDICAL ENGINEERING
- SWANSEA UNIVERSITY: Prifysgol Abertawe
- UNIVERSITY OF BIRMINGHAM: POSITRON IMAGING CENTRE
- UNIVERSITY OF BIRMINGHAM: CYCLOTRON FACILITY
- THE ROSALIND FRANKLIN INSTITUTE
- NPL: National Physical Laboratory
- ASTeC: Particle Physics Department, ISIS Neutron and Muon Source
- UKRI: Science and Technology Facilities Council
- INFN CATANIA
- CU Central Laser Facility
- THE CLATTERBRIDGE CANCER CENTRE: NHS Foundation Trust
- INSTITUT CURIE
- THE COCKROFT INSTITUTE: of Accelerator Science and Technology
- LEO: Cancer Care
- MAXELLER Technologies: Maximum Performance Counting
- LhARA: Laser Hybrid Accelerator for Radiotherapeutic Applications