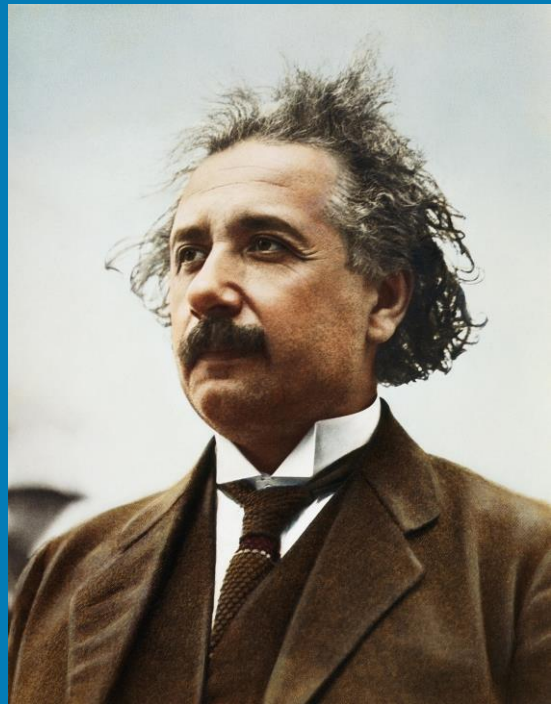


La Scienza, un modello di collaborazione per la Pace



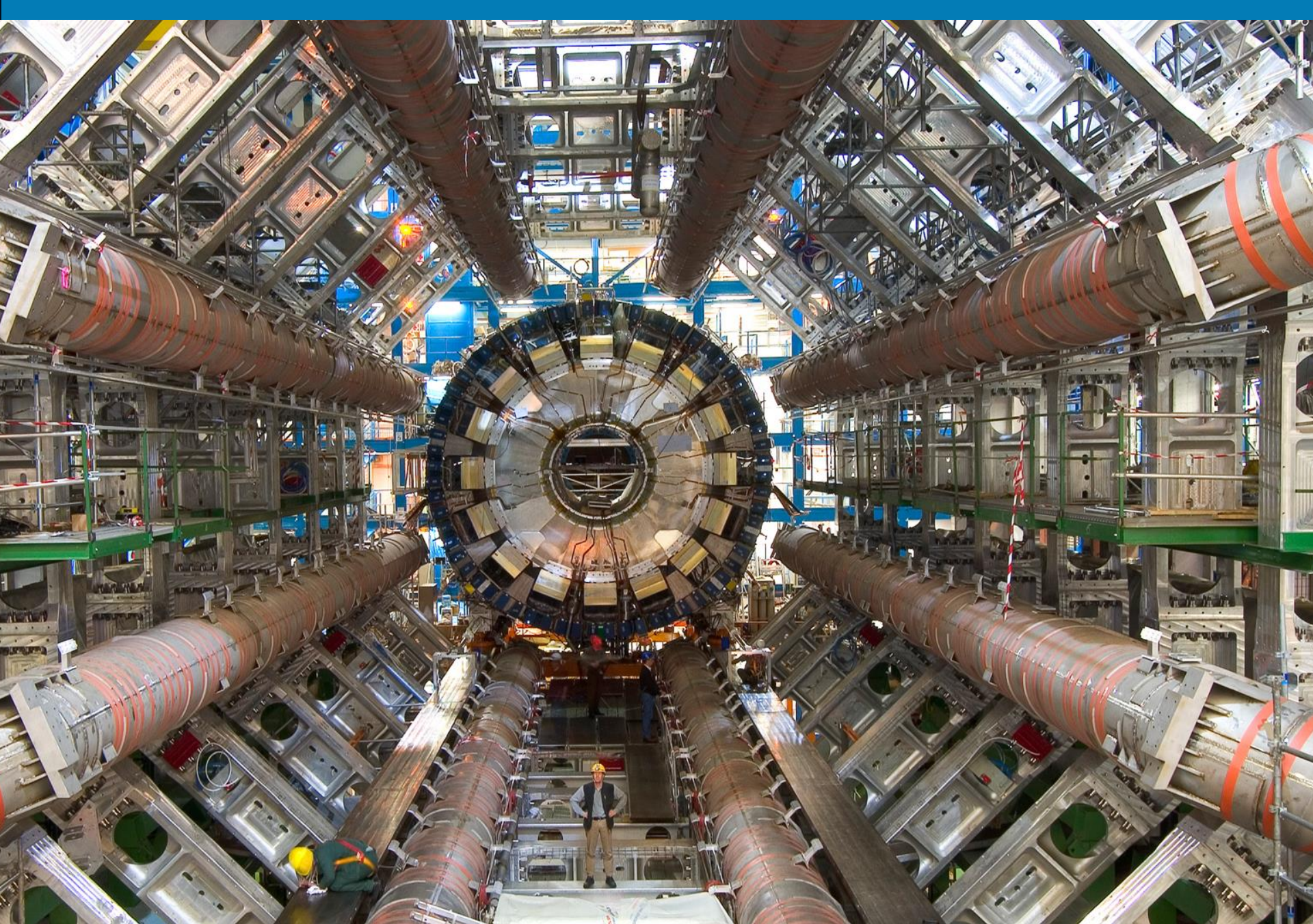
*ITP – Italian Teacher Programme
CERN, 24 November 2023*

*Maurizio Bona
Former Advisor to the Director-General of CERN*



CERN - Science for dialogue and peace









CERN – The very beginning

M. Bona – ITP, CERN, Oct 2024

- **The CERN “parents”**

A group of far-sighted **scientists, politicians, diplomats, intellectuals**

- **CERN’s main objectives**

- . Carry out scientific programmes.

- . Resume the dialogue after World War II among former belligerent European Countries, and beyond.

- **The CERN Convention (signed in 1953)**

“The Organization shall have no concern with work for military requirements and the results of its experimental and theoretical work shall be published or otherwise made generally available”



Berlin, 1961

(AP Photo/Worth) PA-9275541



Ronald Reagan Presidential Library, C32042-10

Reagan - Gorbachev first meeting, Geneva 1985



Pope J-P II and DG Schopper, CERN, Jun 1982

SESAME – Synchrotron-light for Experimental Science and Applications in the Middle East



Amman, Jordan



Members (2017)



Prof. H. Schopper, Geneva, Sept 2022

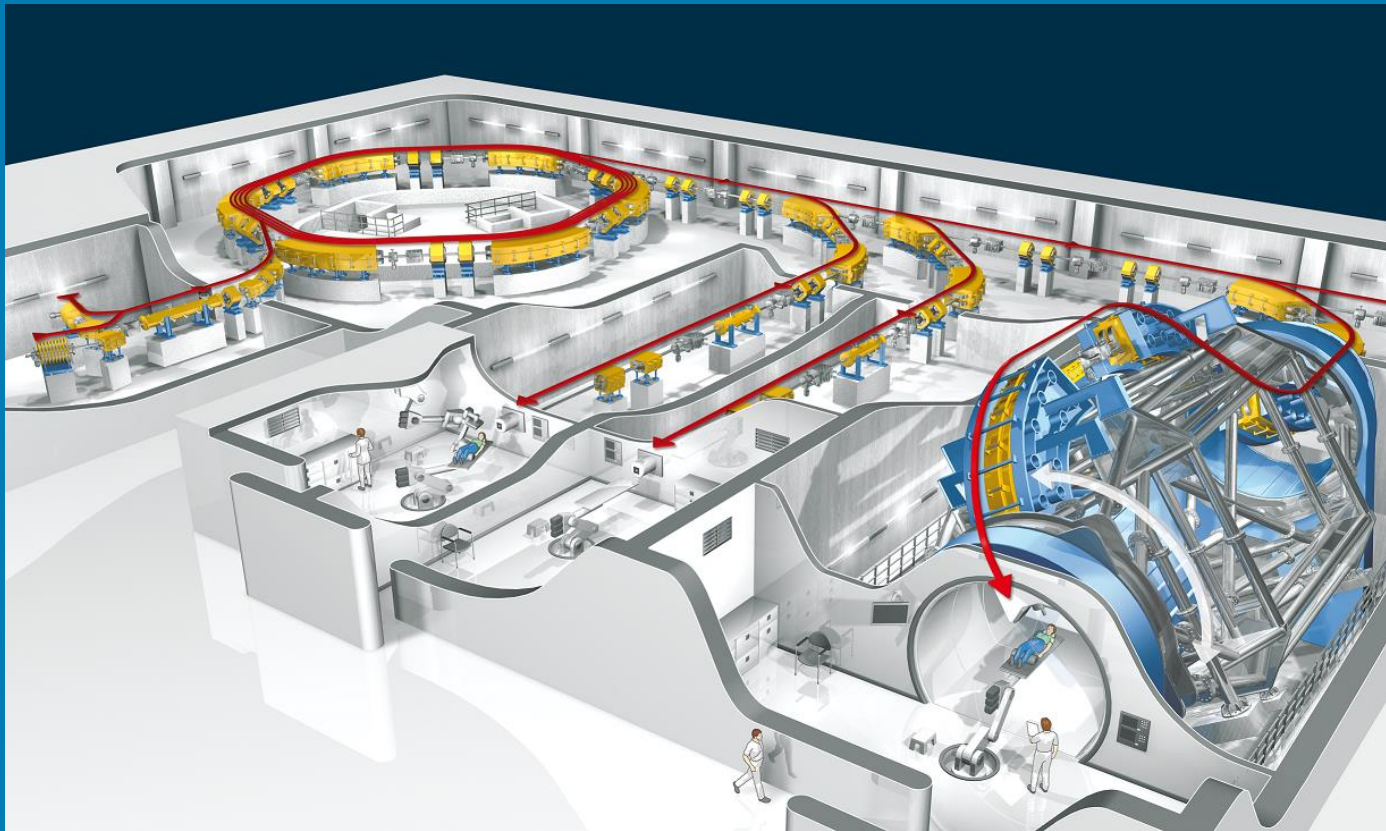
SEEIIST

*South East
International Institute for
Sustainable Technologies*



SEEIIST: Facility for Tumor Therapy and Biomedical Research with protons and heavier ions

About 500 patients per year to be treated as needed for a population of 20M. In parallel, 50% of the beam time dedicated to biomedical research with multi-ion sources from H to Ne, making the SEEIIST project unique in the world. Capacity for about 1000 researchers, including a major number from Western Europe.



SEEIIST Timeline . . .

- 2016 Initial idea proposed by Herwig Schopper et al.
- 2017 Declaration of intent signed at CERN; kick-off of the design phase (Oct)
- 2018 First contacts with Switzerland to get its neutral support
- 2021 . High-level political roundtable in Bern (Sept)
 - . Establishment of the WG on the Legal Framework
 - . Establishment of the WG on the Site Selection
- 2022 First in-person meeting of the WGs in Greece (Apr)
- 2022 to date: little happened . . .



Prof. H. Schopper's 100th anniversary, Geneva, 1st March 2024

Science diplomacy





CERN Observer status at the UN, New York, Dec. 2012



UN General Assembly - adoption of Agenda 2030 , New York, 25 Sept. 2015



“CERN: Sixty years of Science for Peace and Development” - United Nations, New York, Oct. 2014

Science and the UN Agenda 2030





Csaba Kőrösi - IYBSSD opening Ceremony, UNESCO, 8 July 2022



IYBSSD2022

International Year
of Basic Sciences
for Sustainable Development

- Opening at UNESCO Jul '22 ; Closing at CERN Dec '23
- 4 Flagship continental events (VNM; SRB; RWA; HND)
- Special event at UN General Assembly/NY 24th May 2023

. *Celebrate IYBSSD*

. *Decade of sciences for development*

. *New IO on sciences for development ?*

Decade of sciences for sustainable development

- . Preparatory event in NY in May 2023
- . Resolution adopted by the UN General Assembly
Aug 2023
- *All sciences: natural, social, economical, political; and humanities*



Special event of the UNGA President at the UN, New York, May 2023



Special event of the UNGA President at the UN, New York, May 2023



Special event of the UNGA President at the UN, New York, May 2023



Special event of the UNGA President at the UN, New York, May 2023



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Special event of the UNGA President at the UN, New York, May 2023



Special event of the UNGA President at the UN, New York, May 2023



Jonathan Ernst, Reuters

Decade of sciences for sustainable development

The President of the 77th UN General Assembly to the scientific community - NY May 2023:

***“We are very much counting on you.
Please help us”***

Science and Parliaments

Science for Peace Schools





IPU Assembly - Middle East Committee, Science for Peace Schools, October 2017

Charter on the ethics of sciences and technology in parliaments

- . Work done in collaboration with the IPU
- . Scheme presented in Hanoi, Sept 2023
- . **Expected adoption at IPU Assembly, Oct 2024**

Science for Peace Schools

- . Partners: CERN / SESAME / IPU /
ICISE Vietnam / KHGC Bahrain
- . First Session: at CERN / SESAME
- . Second Session: at ICISE Vietnam
- . Special Event: at KHGC Bahrain

- *first School (2022/23): water*
- *second School (2025): ethics in AI*

Science and peace

- . How can science contribute to the intercultural dialogue and to peace ?

West-Eastern Divan Orchestra

founded by Daniel Barenboim - Edward Said, 1999



“... Let me tell you something: **this is not going to bring peace.** What it can bring is **understanding**, the **patience**, the **courage**, and the **curiosity to listen to the narrative of the other**”

Daniel Barenboim, Ramallah concert, August 2005.

Thank you for your attention !

