Newsletter TAKE PART IN

UNCERTAINTY, BETWEEN PHYSICS AND ART

Uncertainty permeates all of science: the progress of physics and of our knowledge is therefore inevitably linked to our ability to understand and handle uncertainty, a theme als artists deal with. This is the heart of the last event for the exhibition "Uncertainty. Interpreting the present, predicting the future (https://www.palazzoesposizioni.it/mostra/incertezza-interpretare-il-presente-prevedere-il-futuro-eng)", which will go live from the exhibition halls on the social media channels of INFN and Palazzo delle Esposizioni: an event dedicated to uncertainty in quantum mechanics, experimental physics and cosmology, and also in art, to understand how contemporary art elaborates and interprets the themes and categories of science, including that of uncertainty.

The exhibition “Uncertainty”, co-curated by INFN, is hosted in the halls of Palazzo delle Esposizioni (Rome) until February 27, as part of the project of Azienda Speciale Palaexpo "Three Stations for Art-Science (https://www.palazzoesposizioni.it/pagine/tre-stazioni-per-arte-scienza-eng)" promoted by Roma Culture, together with the exhibitions "The Science of Rome" and "Ti Zero".

7 FEBRUARY, 6.30 p.m., UNCERTAINTY IN PHYSICS: FROM QUANTUM MECHANICS TO THE GREAT MYSTERIES OF THE UNIVERSE

Live from the halls of Palazzo delle Esposizioni on INFN Facebook and YouTube channels

With Vincenzo Barone, curator of the exhibition "Uncertainty", INFN researcher and professor at Università del Piemonte Orientale, Ornella Juliana Piccini, INFN researcher at the Amaldi Research Center of Sapienza University of Rome and member of the VIRGO collaboration, Giada Mancini, INFN researcher at the Frascati National Laboratories and member of the ATLAS collaboration, Antonio Walter Riotto, professor of cosmology at the University of Geneva and INFN researcher, Paola Bonani, curator of the exhibition “Ti zero” and for Azienda Speciale Palaexpo. Moderator Matteo Massicci, INFN Communication Office.

Learn more: https://collisioni.infn.it/en/event/uncertainity-in-physics-and-art/ (https://collisioni.infn.it/en/event/uncertainity-in-physics-and-art/)

Follow the event on Facebook (https://www.facebook.com/events/1188212855050373/?ref=newsfeed) or YouTube (https://www.youtube.com/watch?v=mc5yxBG9TnI).

11 FEBRUARY, International Day for Women and Girls in Science

INFN participates with many events to the International Day of Women and Girls in Science (https://www.un.org/en/observances/women-and-girls-in-science-day), on February 11. All events (https://home.infn.it/en/infn-news/4703-infn-events-for-the-international-day-of-women-and-girls-in-science-2022).

FROM 25 FEBRUARY TO 25 MARCH, every Friday from 10 to 11 a.m., for students from 10 to 13 years

PHYSICS IN THE WAVE

Live on INFN YouTube channel

The collaboration between INFN and Shibumi continues: after a video-series on energy, a new series of videos dedicated to cosmic rays, realized thanks to the contribution of Fabio Morsani and Riccardo Paoletti of the INFN Division of Pisa and the OCRA project, who designed the cosmic ray detector hosted on the boat. The videos will be accompanied by live online events with INFN researchers to whom students can ask their questions and curiosities.

Follow the on INFN YouTube channel (https://www.youtube.com/channel/UCSh8Nr3_HKvQqj1bp6bL4vA).

February 25th, 2022

What are cosmic rays?

with Lorenzo Caccianiga, INFN Milan, to talk about the Auger experiment

March 4th, 2022

Do cosmic rays really come from space?

with Elisa Prandini, INFN Padova, to talk about the Magic experiment

March 11th, 2022

From which direction do cosmic rays arrive?

with Elisabetta Bissaldi, INFN Bari, to talk about the space telescope Fermi

March 18th, 2022

What can stop cosmic rays?

with Nicola Rossi, INFN - LNGS, to talk about the Borexino experiment

March 25th, 2022

Do cosmic rays live forever?

with Luigi Cimmino, INFN Naples, to talk about muon tomography