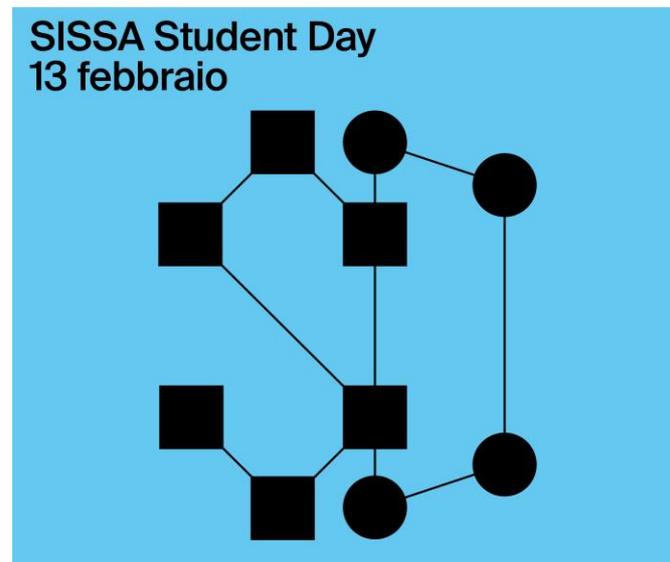


PRESS RELEASE

SISSA Student Day returns on 13 February

500 students, 50 activities envisaged, scores of researchers involved and themes that range from artificial intelligence to the mysteries of the Universe. The traditional appointment of the School in Trieste will have a rich programme of events for a day full of curiosity



6 February 2020

Games, exhibitions, interactive lessons, visits to the laboratories. The themes? The most diverse, represented in new and entertaining ways. To understand it, simply read the titles of the different activities "Matematica tattile" ("Tactile Mathematics"), "La fisica quantistica a occhio nudo" ("Quantum physics to the naked eye"), "I misteri della visione: come funzionano le illusioni ottiche?" ("The mysteries of sight: how do optical illusions work?"), "I cervelli a banda larga" ("Broadband brains"), "Che c'entra il mio DNA con un vasetto di yogurt?" ("What has my DNA got to do with a pot of yogurt?"), "Ubbriachi e serpenti: lo strano mondo delle simulazioni" ("Drunks and snakes: the strange world of simulations"). This is just a taste. SISSA Student Day returns on 13 February 2020 with a rich and highly interesting programme. It is the annual appointment that gets the students of the fourth and fifth classes of the higher secondary school acquainted with science in practice, told by the same researchers who are

its protagonists, in the setting of one of the most prestigious Italian scientific institutes.

On that day, 500 students will invade the different floors of the institute, in a self-managed exploration that will last from 9 am to 1.30 pm. A real bellyful of science for more than twenty classes from higher secondary schools specialising in classical, language and scientific subjects and technical institutes from all over Friuli Venezia Giulia: Trieste, Udine, Cervignano, Gemona. From outside the Region, a school from Turin has organised its school trip to Trieste specifically to participate in the Student Day organised by SISSA.

The most curious appointments of the programme include the interactive laboratories “La matematica delle forme: esperimenti e bioispirazione” (“Mathematics of shapes: experiments and bio inspiration”) to understand how mathematics can make us understand movement and structures of living creatures and “The reading brain is a hard-working brain” which explores how our brain allows us to read written words. The latter, like other activities, will be held in English. Space also to young YouTubers, like Ruggero Rollini, student of the Master’s course in Science Communication “Franco Prattico” of SISSA, who will bring his format entitled “la Scienza sul divano” (Science on the couch) to the event with four scientists who will talk to him on as many themes: from the perception of time in our brain to Einstein’s relativity. And, again, “Matemagia e Mateinindovinelli” (Mathematical magic and Mathematical riddles) with practical sessions of games and brain-teasers, the discussion game “Abbi cura di me” (Take care of me) to understand the importance of prevention to protect our health and the appointment with the choir of SISSA, composed by scientists of the School and directed by the young Mexican physician Uriel Luviano.

“Student Day is one of the “SISSA for Schools” projects, the activity that welcomes schools of any type and level to SISSA all year,” explains Simona Cerrato of SISSA Medialab, coordinator of the event. “However, this is a special event in terms of shape and structure, dedicated to students who are about to finish the higher secondary school and will soon have to decide what road to take. It is a special opportunity to show them research and get to know people who are doing it: young people from all over the world who work in a collaborative environment. A very different scenario from the idea that is generally proposed in schoolbooks. The success of this project, now in its sixth edition, is witnessed by how fast we have run out of available places”.

Stefano Ruffo, the school’s director, explains that a seminar dedicated to the celebrated “butterfly effect” will be held during the event: “SISSA opens the doors of the institute once again to students of higher secondary schools. It does so with its usual enthusiasm, trying to transfer the pleasure of research and the appeal of the challenge in the field of knowledge to those who will be the protagonists of our future. All in the international and inclusive context of our

SISSA

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School which is scientifically always at the forefront. It will be a joyful morning and we will have plenty of fun.”

IMAGE

Credits:

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