

"Art & Science across Italy": a journey between Science and Art in high schools

Thursday 18 July 2024 11:15 (15 minutes)

Creativity and vision are essential across disciplines, shaping both artistic and scientific endeavors. "Art & Science across Italy", a project led by the Italian National Institute for Nuclear Physics (INFN) in collaboration with CERN, cultivates a broad perspective in high-school students to disseminate scientific knowledge. Embracing the STEAM field, it integrates STEM and arts without privileging one over the other. Throughout the project, high school students attend scientific seminars and subsequently, drawing inspiration from science, create their own artworks. These artworks are then showcased in local and national art exhibitions. In the fourth edition (2022-2024), 6500 students produced 1000 artworks showcased in 20 exhibitions. This talk outlines the project, methodology, and key results.

Alternate track

I read the instructions above

Yes

Authors: SCIANITTI, Francesca; GALATI, Giuliana (Universita e INFN, Bari (IT)); Dr PAOLUCCI, Pierluigi (Universita e INFN of Napoli (IT))

Co-authors: DI GIOVANNI, Adriano (Gran Sasso Science Institute (IT)); COLALEO, Anna (Universita e INFN, Bari (IT)); DALLA VECCHIA, Anna (INFN - National Institute for Nuclear Physics); DI DONATO, Camilla (Universita Federico II e INFN Sezione di Napoli (IT)); VIGNOLI, Chiara (INFN); CIRRINCIONE, Daniela; Dr MENASCE, Dario (Universita & INFN, Milano-Bicocca (IT)); PICCOLO, Davide (INFN e Laboratori Nazionali di Frascati (IT)); SANTOPINTO, Elena (INFN e Universita Genova (IT)); CALORE, Enrico; PALLA, Fabrizio; SIMONE, Federica Maria (Universita e INFN, Bari (IT)); MAZZOTTA, Francesca; Dr CATALDI, Gabriella (INFN Lecce - Italy); ORGANTINI, Giovanni (Sapienza Universita e INFN, Roma I (IT)); D'IMPERIO, Giulia (Universita di Roma I 'La Sapienza'-Universita e INFN, Roma I); BAGLIESI, Giuseppe (Universita & INFN Pisa (IT)); BOZZI, Giuseppe (University of Cagliari and INFN, Cagliari); MEROLA, Leonardo (Universita e sezione INFN di Napoli (IT)); Dr MICHELOTTO, Michele (Universita e INFN, Padova (IT)); PEPE, Monica (INFN Perugia (IT)); CAVALLO, Nicola (Universita e INFN, Napoli (IT)); CERELLO, Piergiorgio (INFN); VENDITTI, Rosamaria (Universita e INFN, Bari (IT)); RESCONI, Silvia (Universita degli Studi e INFN Milano (IT)); PAOLETTI, Simone (Universita e INFN, Firenze (IT)); COLLÀ RUVOLO, cecilia (INFN); SANTONOCITO, domenico

Presenter: GALATI, Giuliana (Universita e INFN, Bari (IT))

Session Classification: Education and Outreach

Track Classification: 15. Education and Outreach