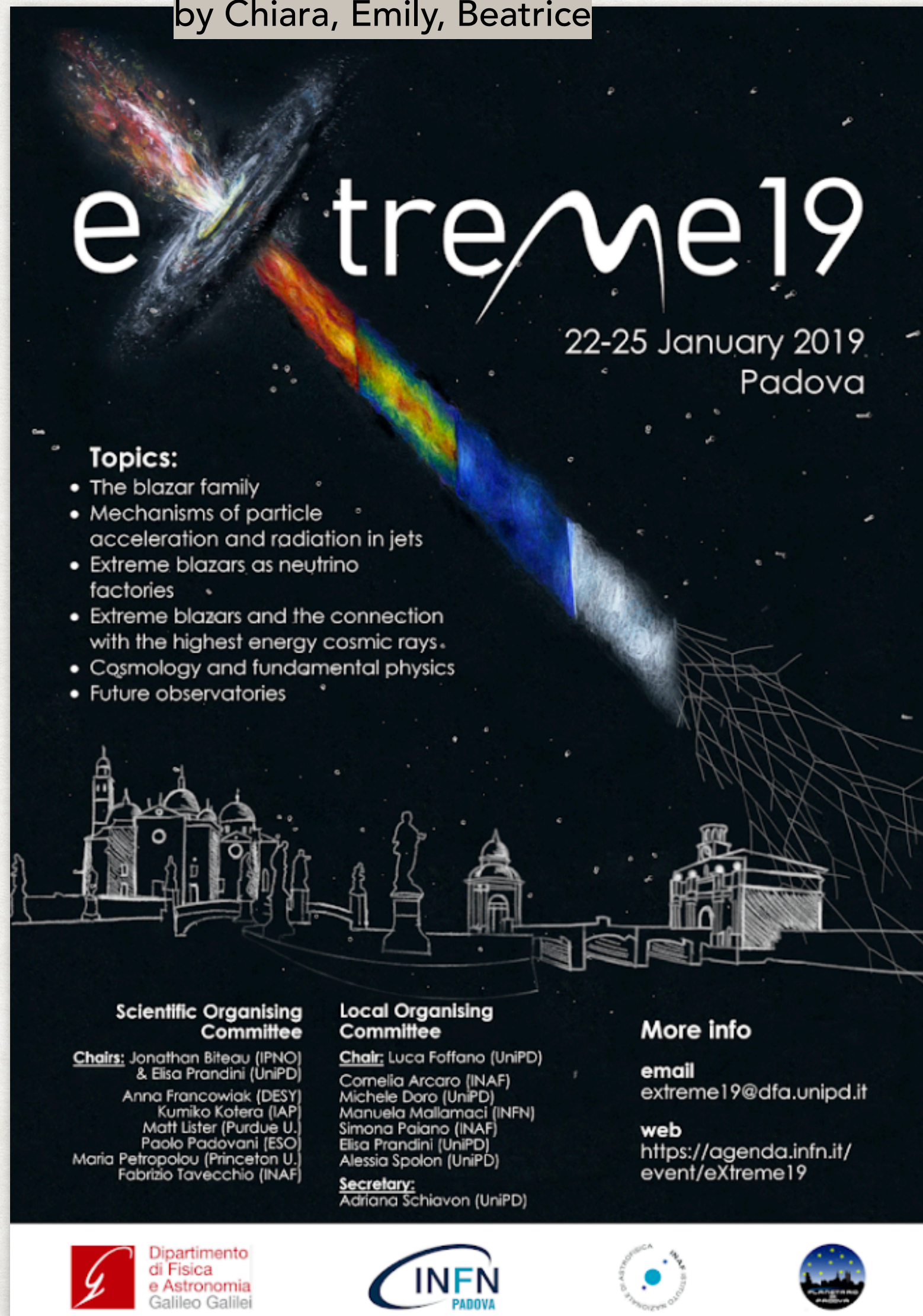


EXTREME19: WHEN ART AND SCIENCE MAKE THE FRONT PAGE

E. PRANDINI, M. DORO, M. MALLAMACI (PADOVA UNIVERSITY)
B. MONTOLLI AND D. MAURI (LICEO ARTISTICO MODIGLIANI, PADOVA)

Poster of the conference eXtreme19 designed
by Chiara, Emily, Beatrice



eXtreme19
22-25 January 2019
Padova

Topics:

- The blazar family
- Mechanisms of particle acceleration and radiation in jets
- Extreme blazars as neutrino factories
- Extreme blazars and the connection with the highest energy cosmic rays
- Cosmology and fundamental physics
- Future observatories

Scientific Organising Committee
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More info
email: extreme19@dfa.unipd.it
web: <https://agenda.infn.it/event/eXtreme19>

Dipartimento di Fisica e Astronomia Galileo Galilei
INFN PADOVA

Back in mid 2018, we were organizing **Extreme19**, a conference on **astro-particle physics** held in Padova on the topic of extremely energetic emission from galaxies. For the preparation of the graphical material in support of the conference we sought for a **collaboration with talented art students**.

Emily, Beatrice, and Chiara from the **high school** "Liceo Artistico Modigliani" in Padova accepted our invitation and started a **6-month stage at the Padova University** in close contact with us.

The challenge was to interbreed our scientific description of a relativistic jet of a powerful galaxy and their artistic assimilation and subsequent representation of it.

During this period, they elaborated outstanding and innovative graphical material used for the webpage as well as the conference poster.

The quality of the graphics was indeed excellent: one of their drawings became the **cover of the February 2020 issue** of the prestigious **Nature Astronomy** journal.

FROM LEFT TO RIGHT:
CHIARA,
BEATRICE,
AND EMILY.
THEIR STORY
WAS
REPORTED IN
THE MAJOR
ITALIAN
NEWSPAPERS

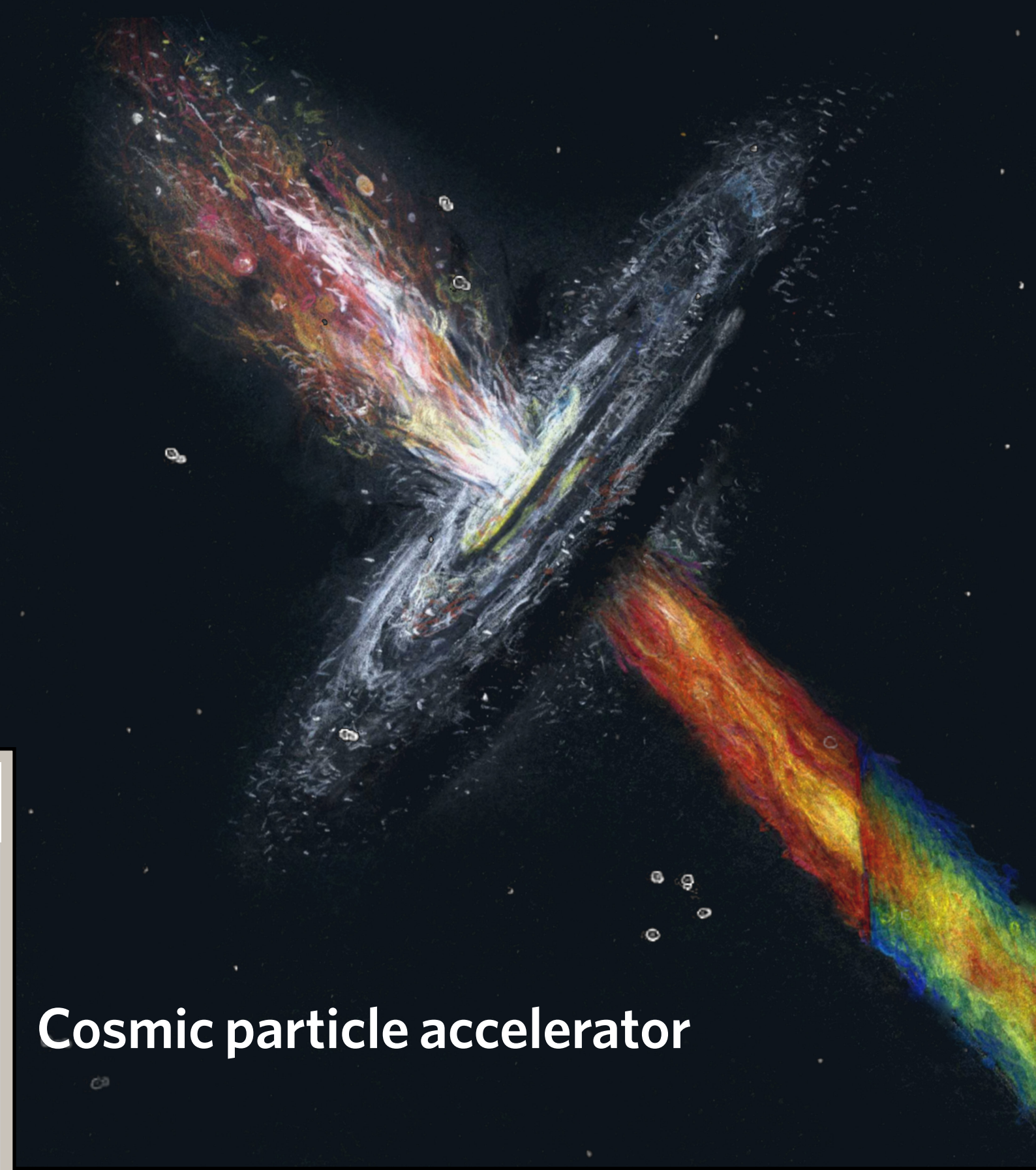
CORRIERE DELLA SERA «Noi, liceali su Nature»



Cover of the February 2020 issue of the online journal "Nature Astronomy"



nature astronomy



Cosmic particle accelerator

Contact: elisa.prandini@unipd.it