



Publication Year	2021
Acceptance in OA	2024-07-05T10:28:16Z
Title	PRESENTATION: Learning astronomy through Augmented Reality: EduINAF resources to enhance students' motivation and understanding
Authors	LEONARDI, Laura, DARICELLO, Laura, GIACOMINI, LIVIA
Handle	http://hdl.handle.net/20.500.12386/35290



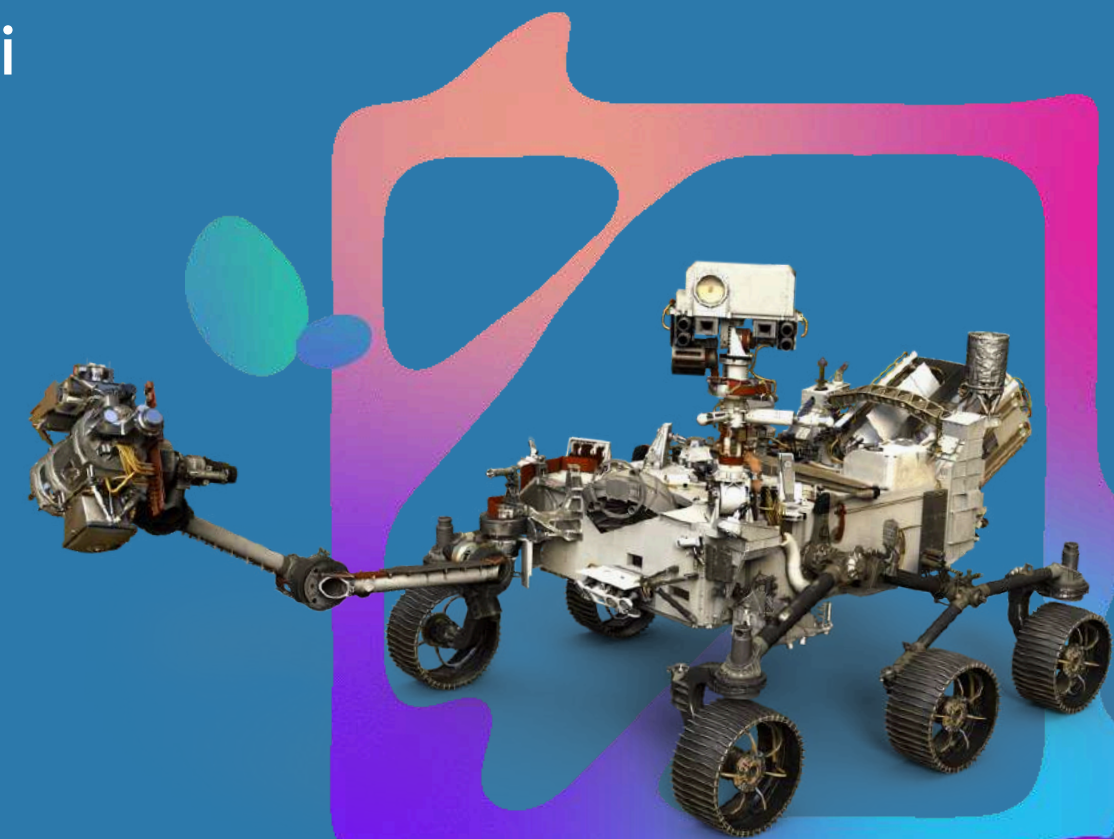
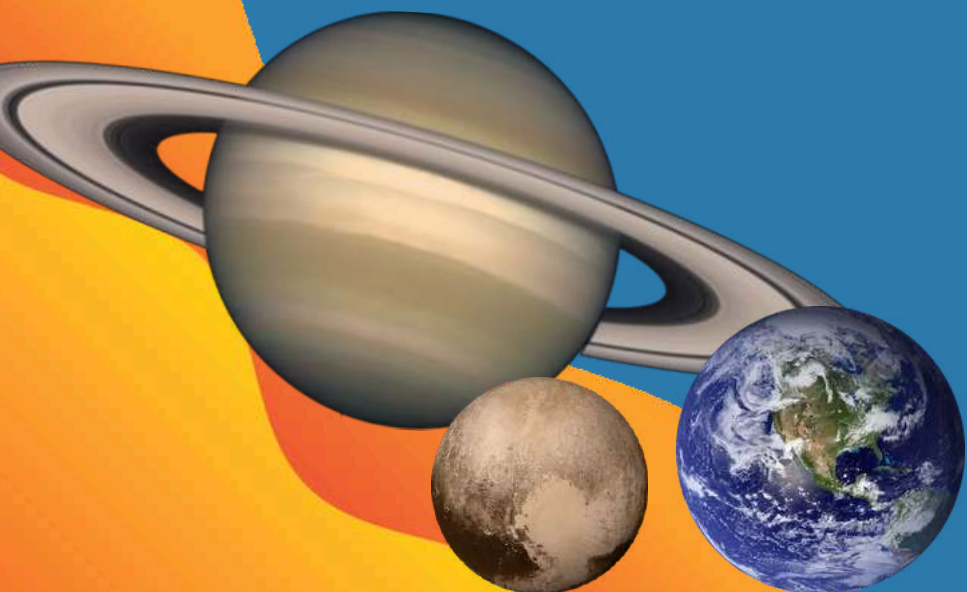
EDU INAF



3D MAP-VR

Learning astronomy through Augmented Reality: EduINAF resources to enhance students' motivation and understanding

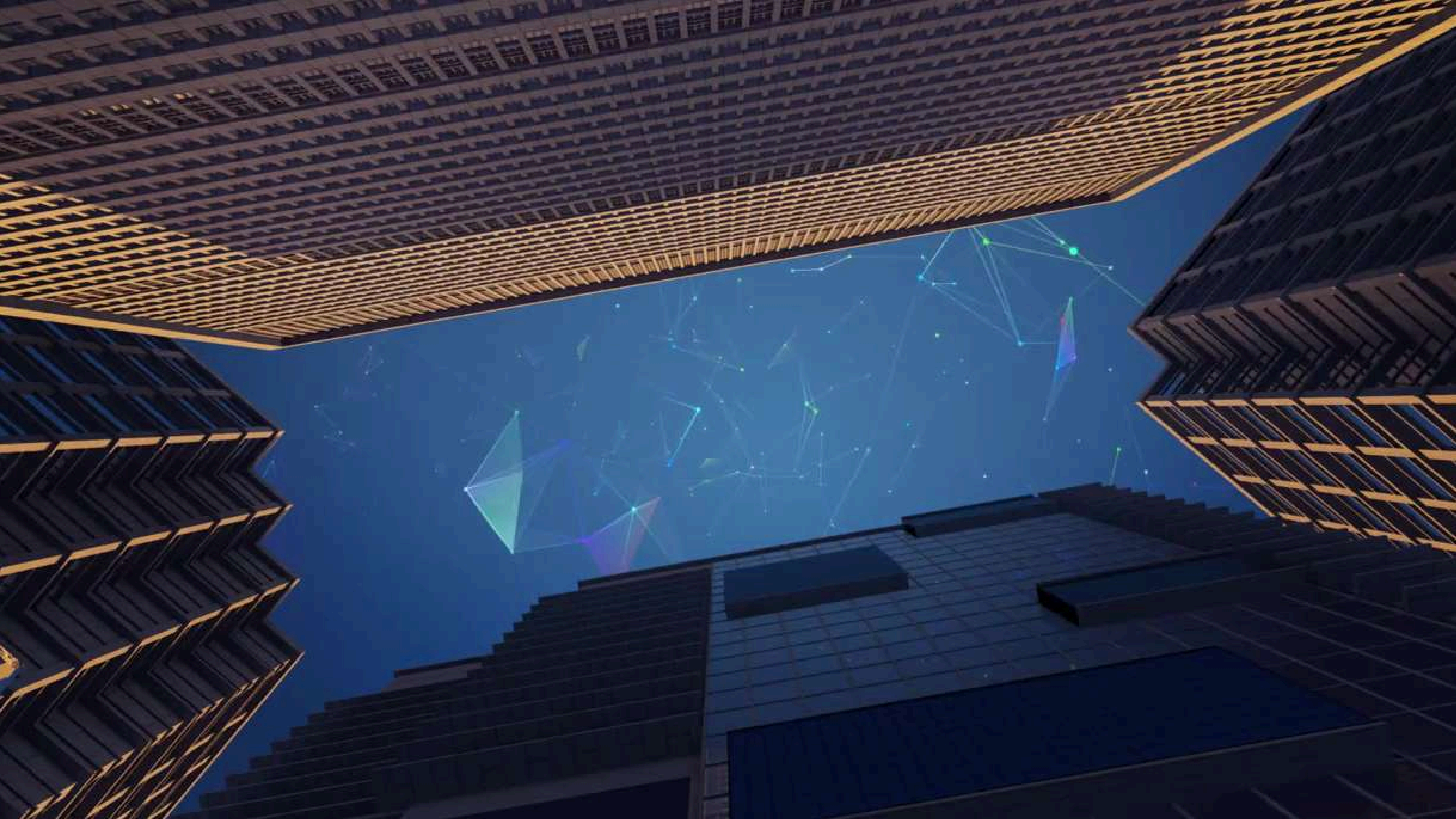
Laura Leonardi*, Laura Daricello, Livia Giacomini

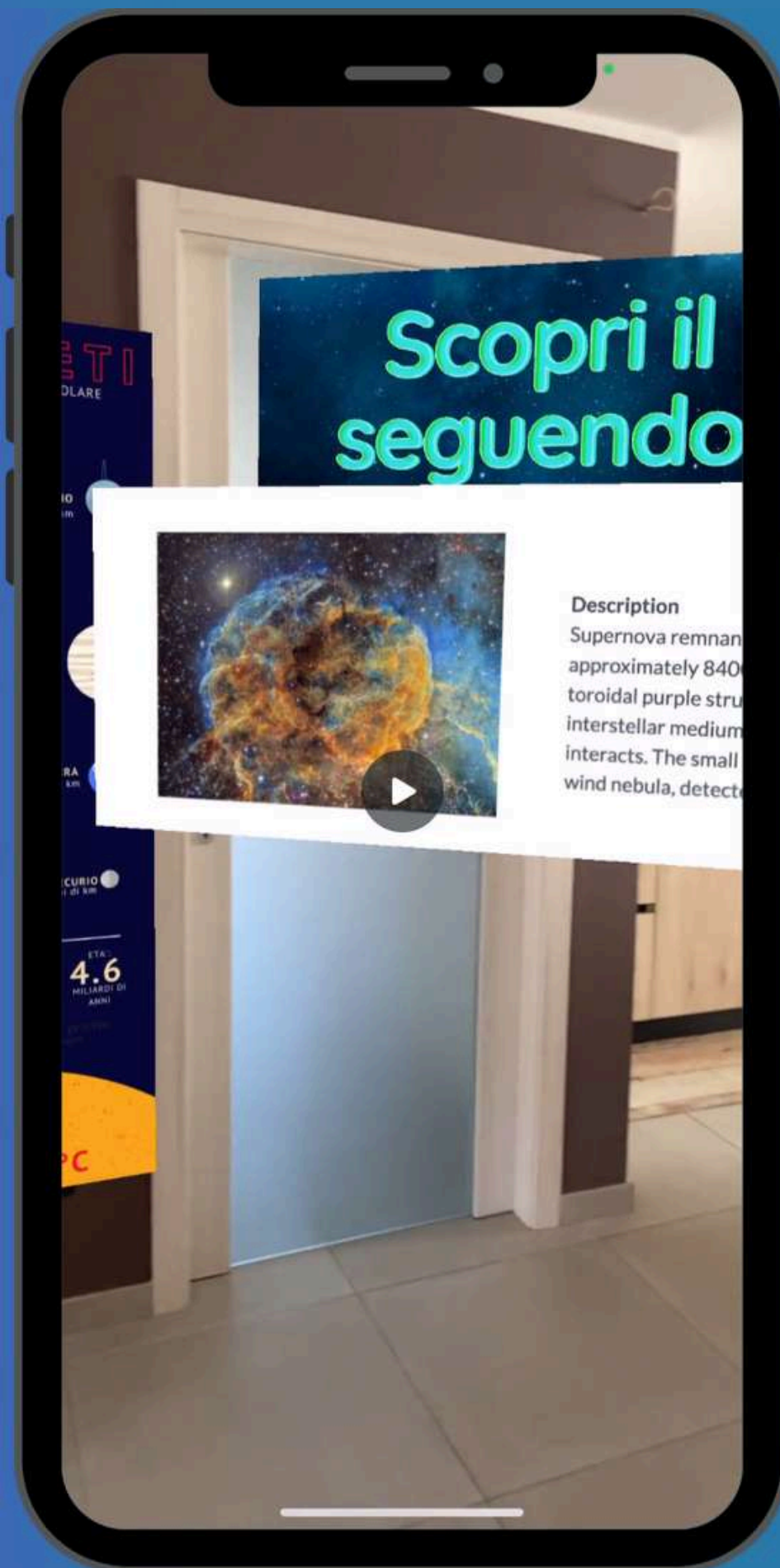


Augmented Reality
(AR) resources
developed by INAF

The impact of these
learning experiences

Our future
perspectives



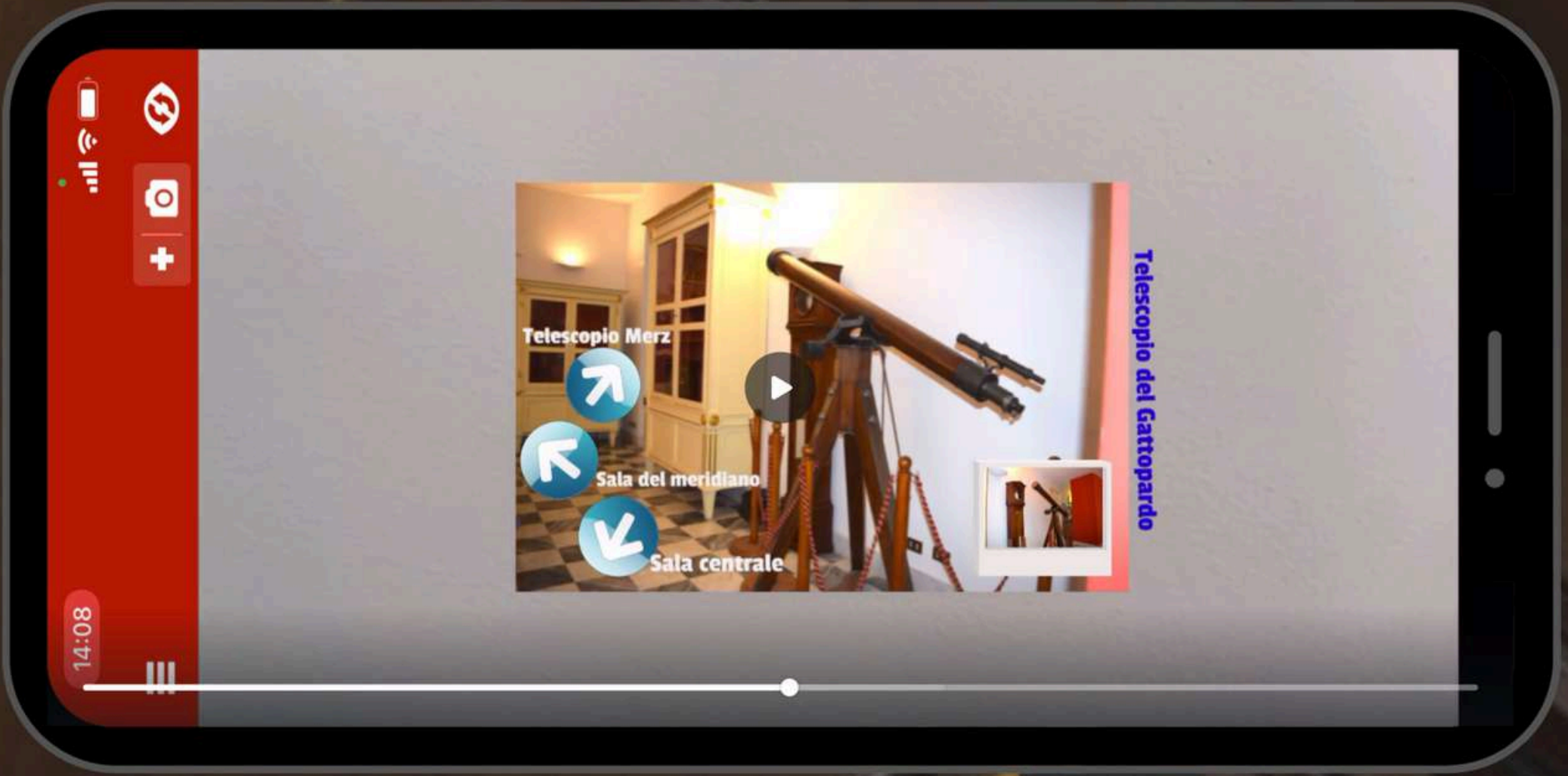


Augmented Reality offers unique opportunities to learn about a new thematic and elements, to support inquiry-based learning in science



MEDIA





Telescopio del Gattopardo

Telescopio Merz

Sala del meridiano

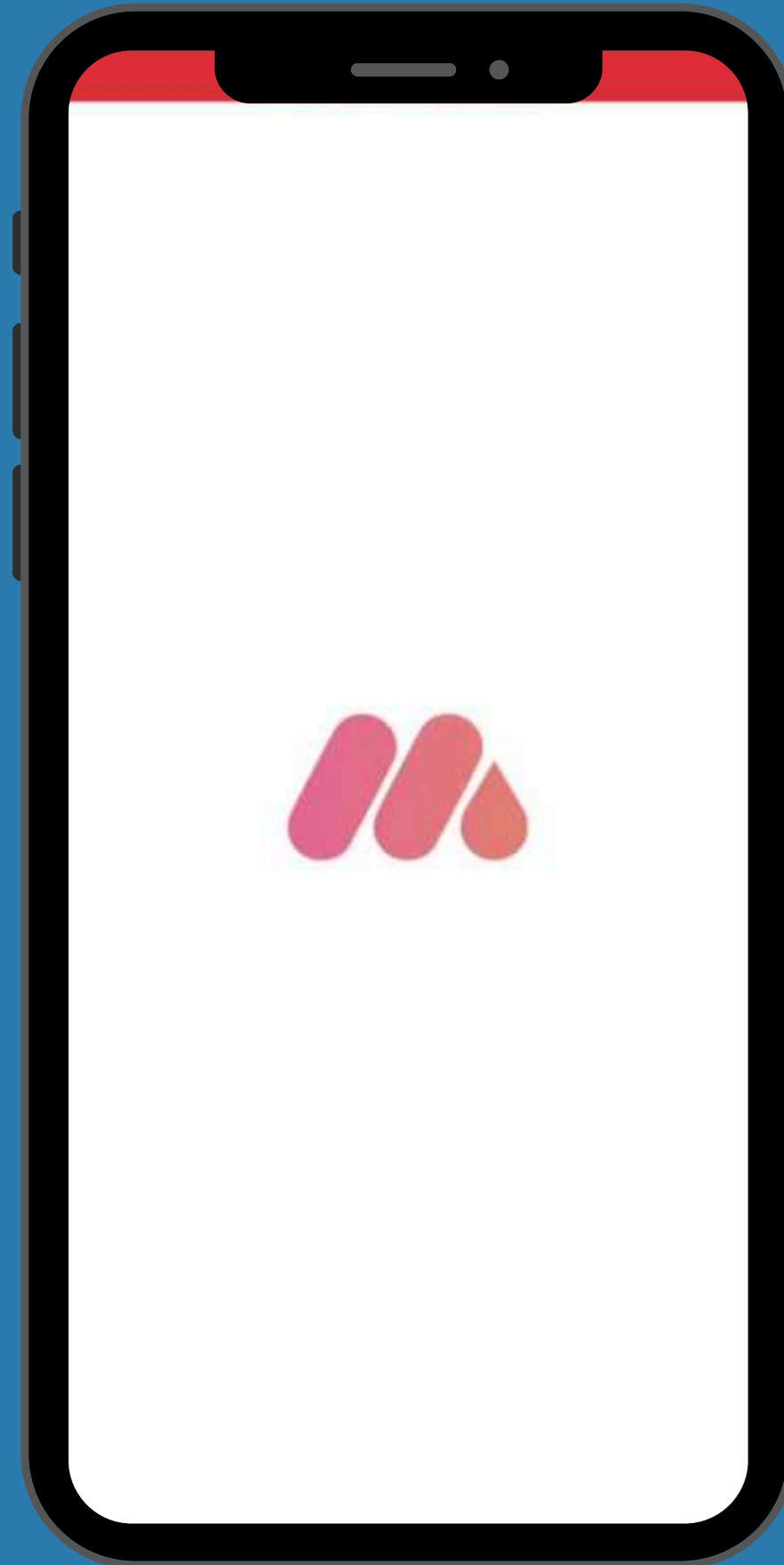
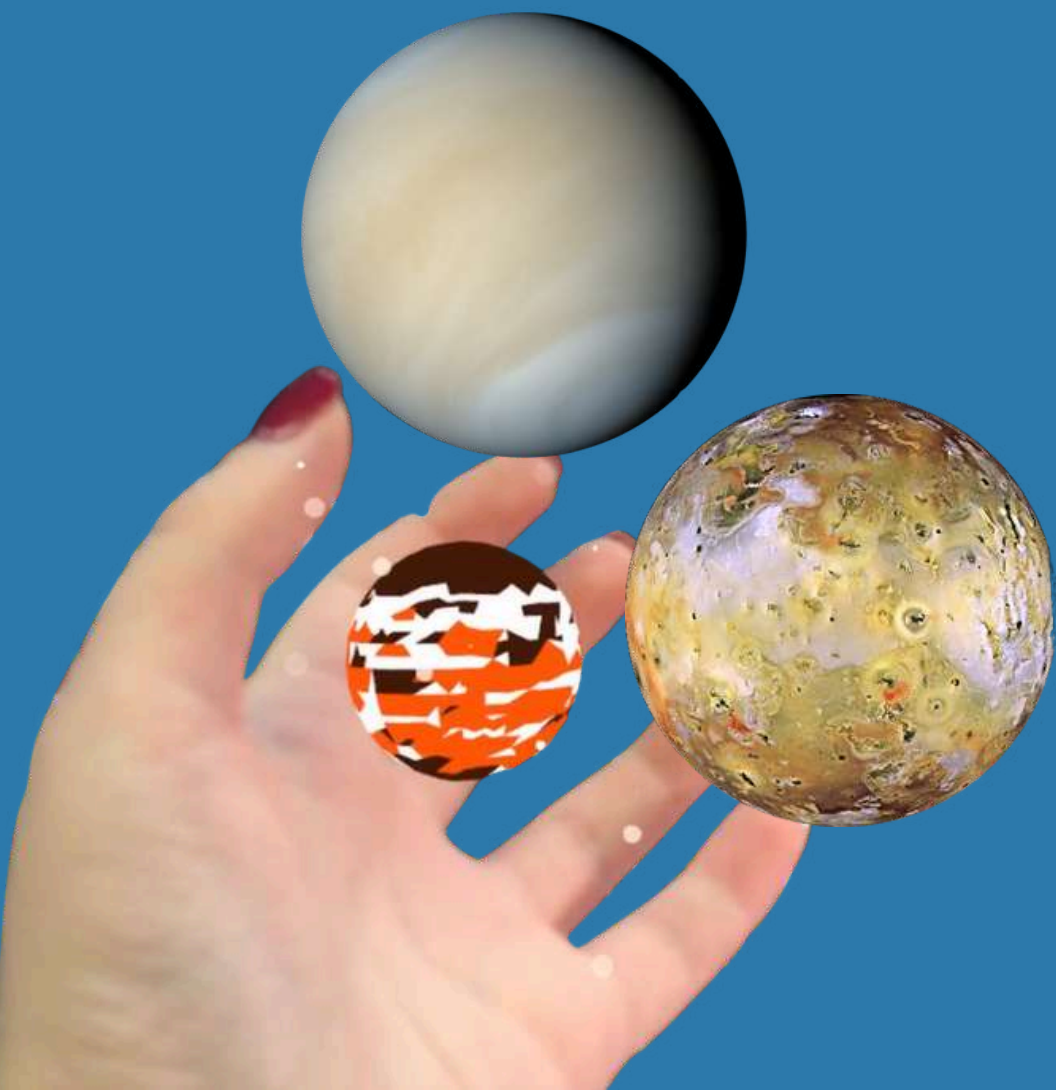
Sala centrale

14:08

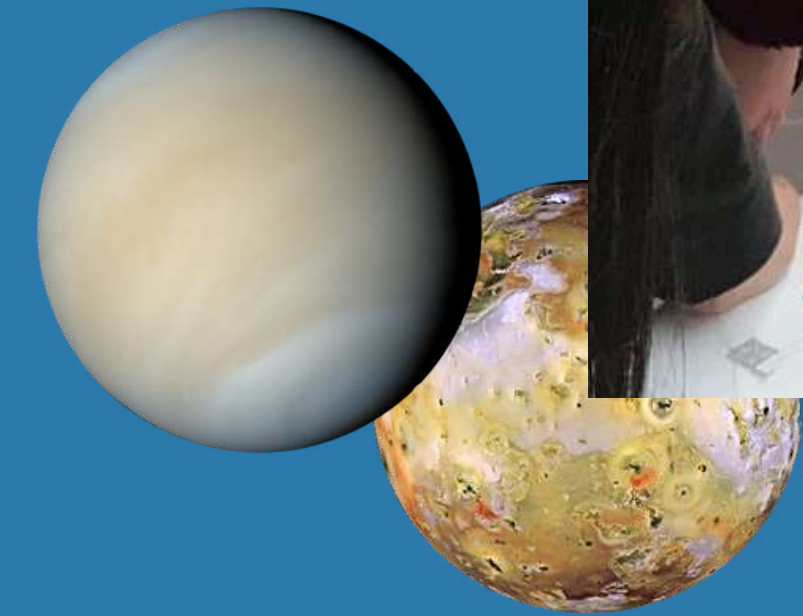


zapworks
The Complete AR toolkit.

TERRA GAME



TERRA GAME





SCARICA L'APP *METVERSE* E DIVERTITI A SCOPRIRE LE ATMOSFERE DEI PIANETI!

SELFIE AL MUSEO DELLA SPECOLA!

Troverai le tue foto sulla pagina facebook dell'INAF Osservatorio Astronomico di Palermo G.S. Vaiana

SEGUICI!



Selfie al Museo della Specola
Fai un selfie al Museo della Specola e condividi l'esperienza con i tuoi amici!!

Scan the code with your phone to open this experience







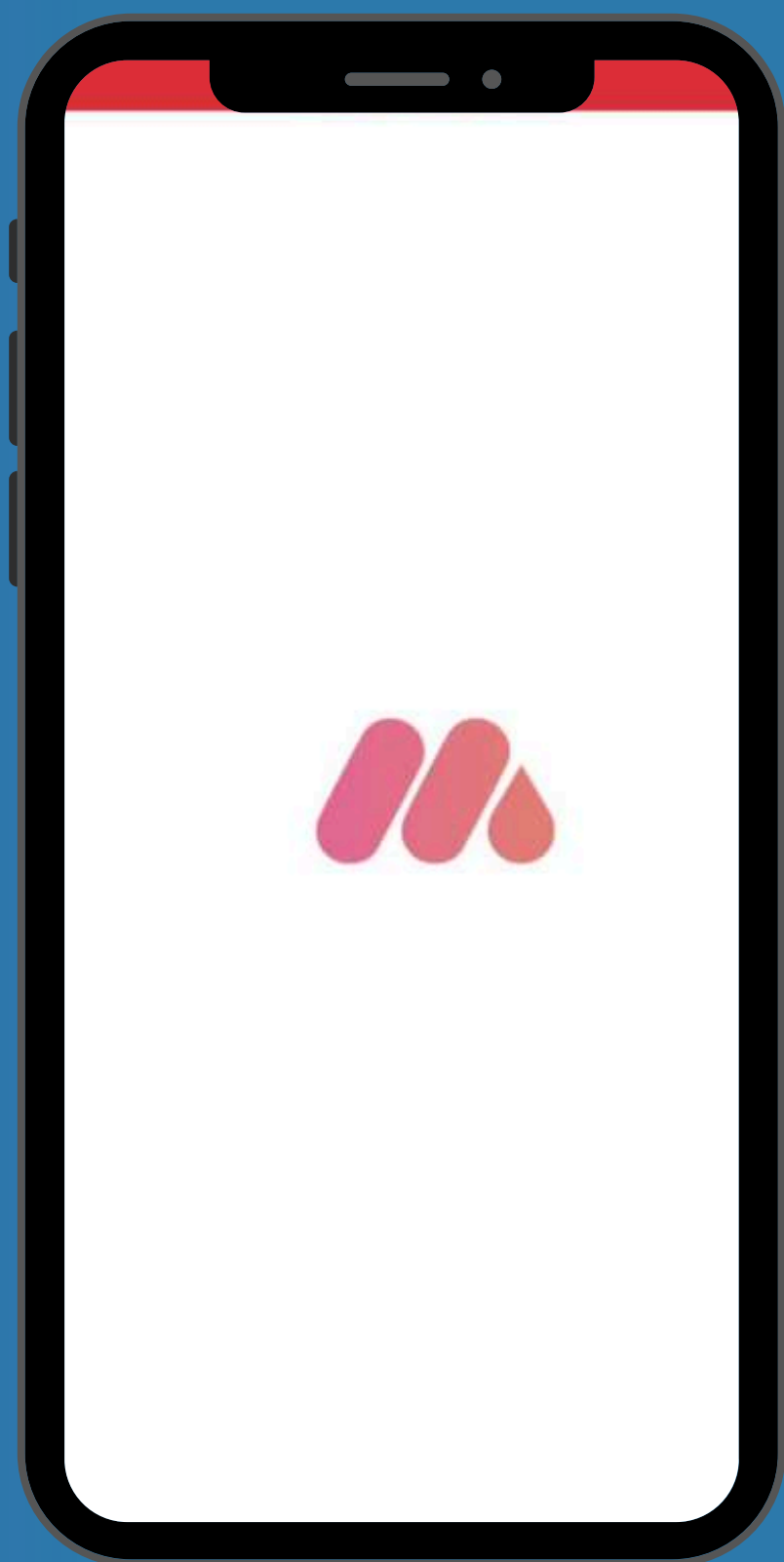


2

Share





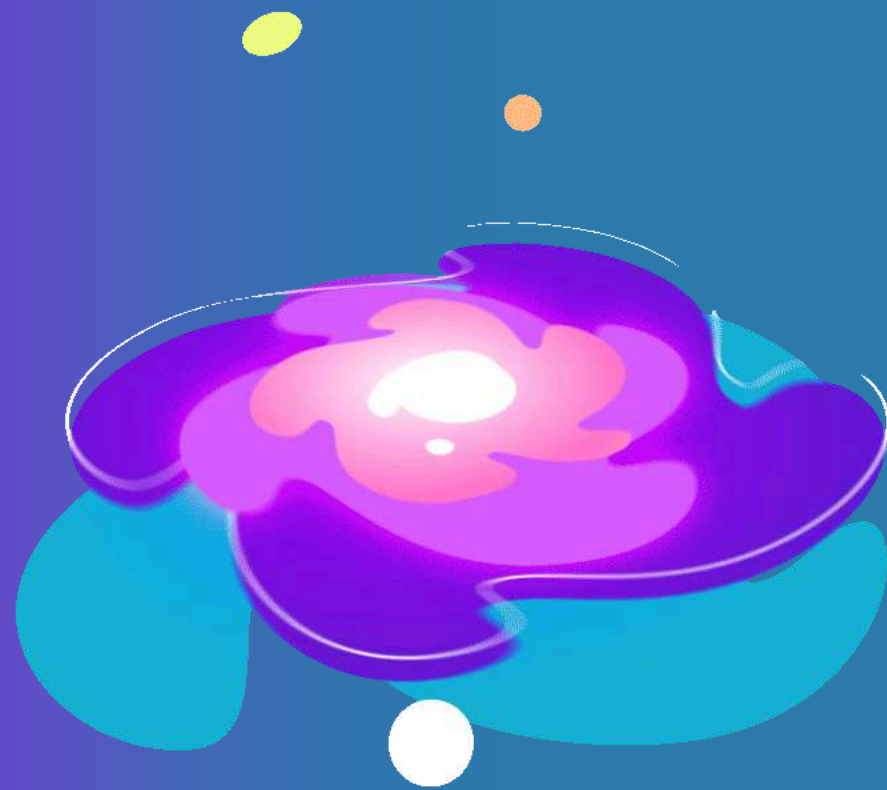


TERRA GAME



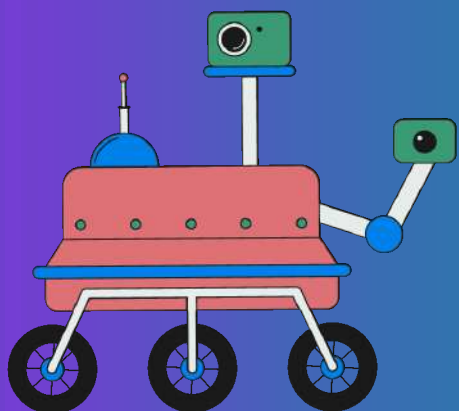
SELFIE AT THE
SPECOLA MUSEUM

PRIN DIV
**“VIRTUAL REALITY AND AUGMENTED REALITY FOR
SCIENCE, EDUCATION AND OUTREACH”**

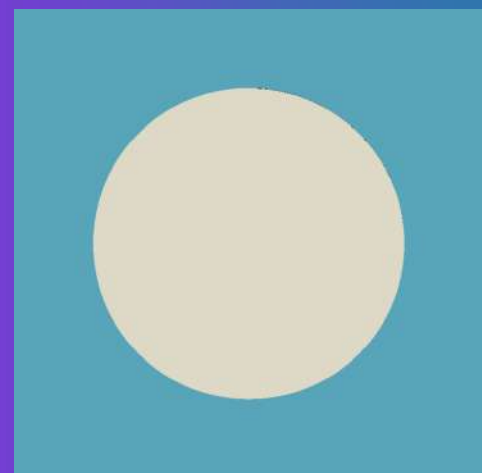


MARS2020 PERSEVERANCE

L'ESPERIENZA INTERATTIVA



MAREE LUNATICHE



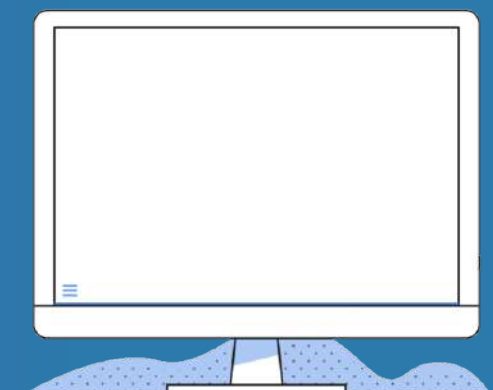




ASTRONOMIA PER TUTTI

Home

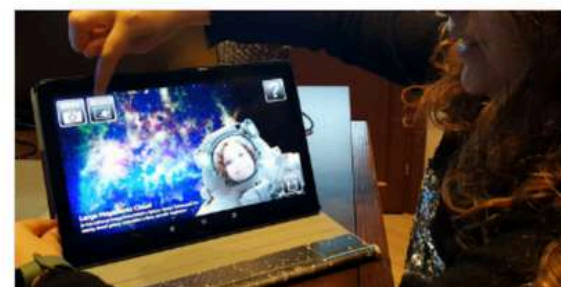
IL SITO DI INAF-OAPA PER TUTTI



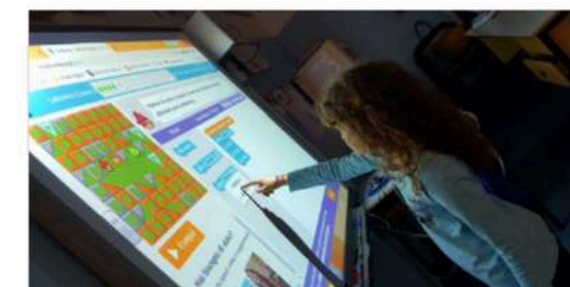
PLAY INAF

[Home](#) [Risorse](#) [Attività](#) [Percorsi didattici](#) [Blog](#) [Italiano](#)

LA PIATTAFORMA DI DIDATTICA INNOVATIVA DELL'ISTITUTO NAZIONALE DI ASTROFISICA



Per famiglie



Per studenti



Per insegnanti



Coding



Robotica educativa



Tinkering



Making



Giochi




 SCOPRI IL
MUSEO della SPECOLA
 Passi da seguire:
 SCARICA L'APP "ZAPPAR"
 INQUADRA LA LOCANDINA


SCARICA L'APP METAVERSE E DIVERTITI A SCOPRIRE LE ATMOSFERE DEI PIANETI!

MA PRIMA...GIOCA E IMPARA!

Terra Game!
 Indovina gli ingredienti che rendono unica la nostra Terra!



ALCUNI PIANETI DEL SISTEMA SOLARE

VENERE
 Scopri l'atmosfera di Venere!



MARTE
 Scopri l'atmosfera di Marte!



GIOVE
 Scopri l'atmosfera di Giove!



ALCUNI PIANETI EXTRASOLARI

K2-18b
 Scopri l'atmosfera del pianeta extrasolare!



HD102195 b
 Scopri l'atmosfera del pianeta extrasolare!



HD97658b
 Scopri l'atmosfera del pianeta extrasolare!



HD179949b
 Scopri l'atmosfera del pianeta extrasolare!



INAF OSSERVATORIO ASTRONOMIC DI PALERMO


SCARICA L'APP METAVERSE E DIVERTITI A SCOPRIRE LE ATMOSFERE DEI PIANETI!

SELFIE AL MUSEO DELLA SPECOLA!

Troverai le tue foto sulla pagina facebook dell'INAF Osservatorio Astronomico di Palermo G.S. Vaiana


 INAF Osservatorio Astronomico di Palermo G.S. Vaiana

SEGUICI!


Selfie al Museo della Specola
 Fai un selfie al Museo della Specola e condividi l'esperienza con i tuoi amici!






INAF OSSERVATORIO ASTRONOMIC DI PALERMO

EDU INAF 3D MAP VR
MAREE LUNATICHE (E NON SOLO!)








3D MAP-VR

Laura Leonardi
laura.leonardi@inaf.it

This product is realized in the framework of the PRIN DIV INAF
"Virtual Reality and Augmented Reality for Science, Education and Outreach"

