

**Faculty of Physics
(FIZRI)**

**University of Rijeka,
Croatia (UNIRI)**

ERASMUS Coordinators:

Prof. Marin Karuza

Dr. Maria Kolympadi Markovic

FIZRI
Fakultet za fiziku
Sveučilište u Rijeci



Erasmus event, 4/12/2024

Rijeka, Croatia



Stepmap.com
<https://www.intelligentcitieschallenge.eu/cities/rijeka>
<https://culturetourist.com/destinations/>

uniri

University of Rijeka

offers:

study programs, research,
mobility, culture, and sport

- 12 Faculties and 4 Departments, which offer more than 172 accredited study programs.
- More than 600 bilateral Erasmus agreements with 30 countries
International Mobility Centre / Erasmus, email: international@uniri.hr
- Partner of the YUFE alliance:



Faculty of Physics - History



1964: four-year study in educational Mathematics and Physics in Rijeka by the eminent physicist Prof. Branimir Marković.



2007: Department of Physics, **2022:** Faculty of Physics

FIZRI

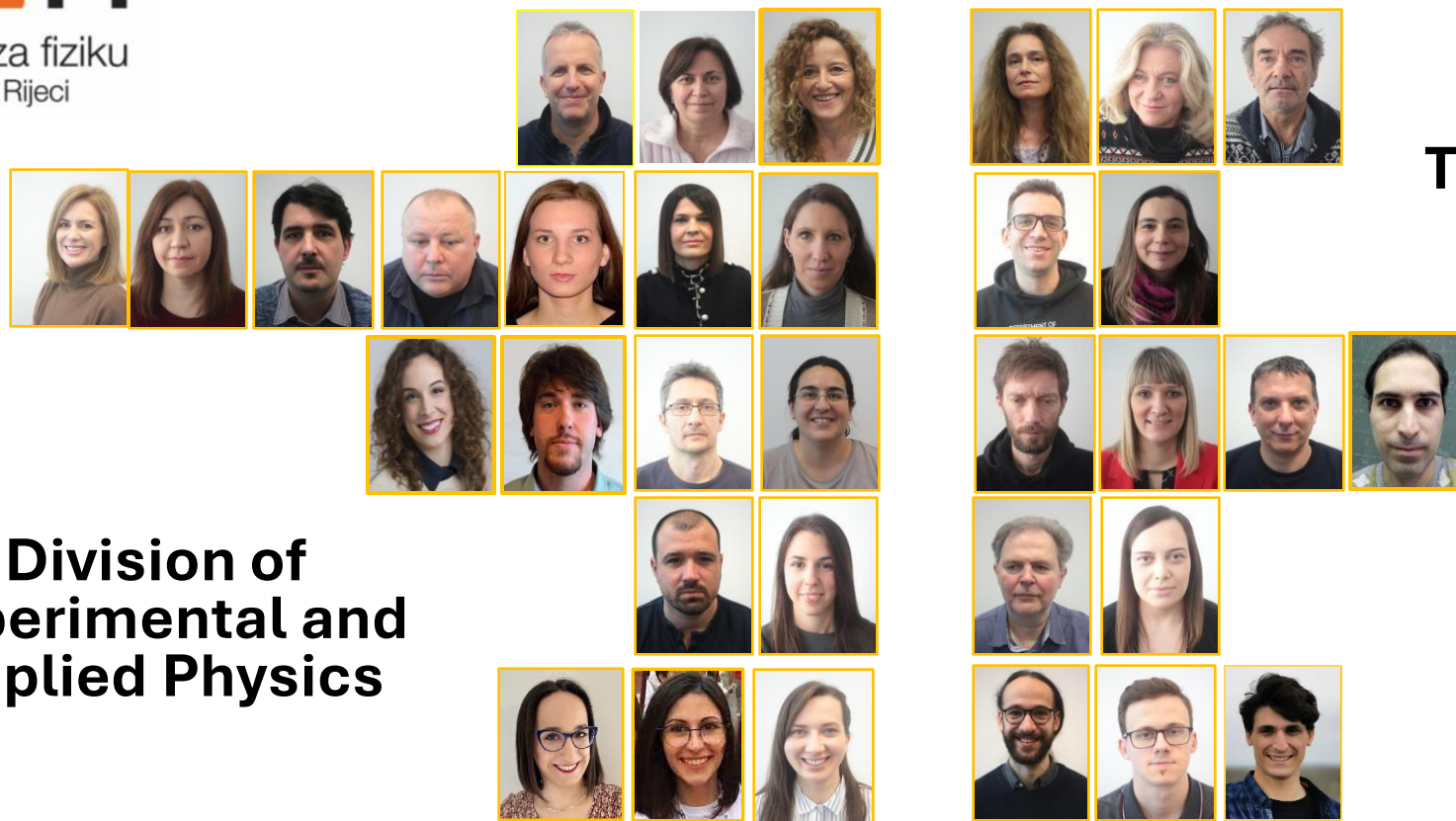
Fakultet za fiziku
Sveučilište u Rijeci

Faculty of Physics in Trsat campus



<https://www.phy.uniri.hr/en/>

FIZRI people



**Division of
Experimental and
Applied Physics**

**Division of
Theoretical Physics
and Astrophysics**



Moreover,
Unit of Educational Physics

Unit of Environmental Science

Study programmes

Undergraduate (3 years, 180 ECTS, Croatian)

- Physics
- Mathematics
- Computer science
- Philosophy
- Environmental science

Graduate (2 years, 120 ECTS, Croatian-English)

Physics

- Astrophysics and elementary particle physics
- Solid state physics
- Environmental physics and science

Engineering and Physics of Materials

Physics and
Mathematics

Physics and
Computer
science

Physics and
Philosophy

Doctoral (English)

- Solid state physics
 - Elementary particle physics
 - Astrophysics
- Medicinal physics

We are working on increasing the list of courses given in English inside all the programmes our graduate studies.

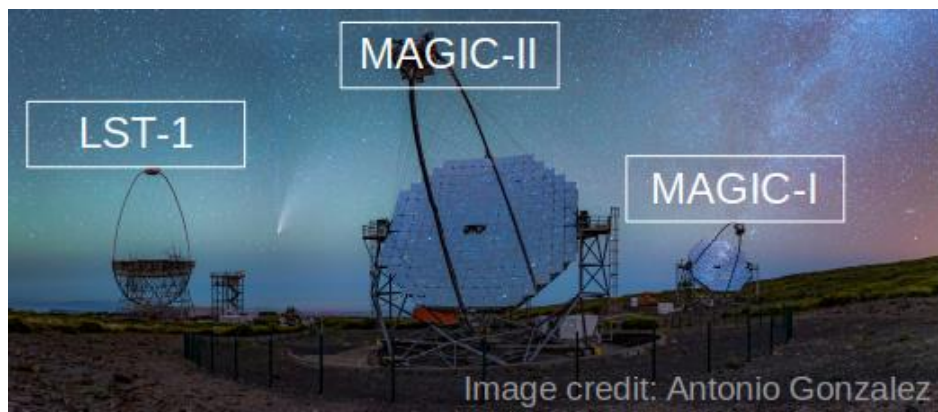
Incoming Erasmus exchange students are advised to contact the Erasmus coordinators.

Graduate studies: courses in English

- Atomic and molecular physics
- Astroparticle physics
- Nuclear physics
- Quantum field theory
- Advanced computational physics
- Symbolic programming
- Experimental methods in Physics
- Seminars in physics
- Material physics
- Instrumental methods in environmental physics
- Extreme events in nature and society
- Atmospheric physics and chemistry
- Green synthesis of nanomaterials

Research Division of Theoretical Physics and Astrophysics

- Strong scientific production in various areas of theoretical physics, such as: unification of forces, quantum gravity, boundary theories, spintronics.
- Laboratory for Astroparticle Physics



Membership in International Collaborations:

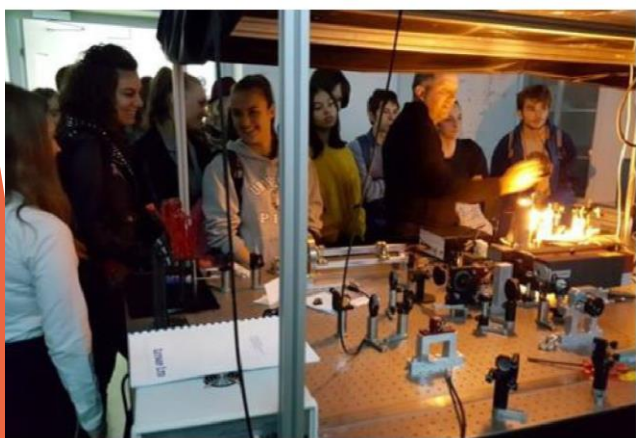
- CTAO - Cherenkov Telescope Array Observatory
- LSST - Large Synoptic Survey Telescope
- MAGIC - Major Atmospheric Gamma Imaging Cherenkov
- SWGO (Southern Wide-field Gamma-ray Observatory)

FIZRI

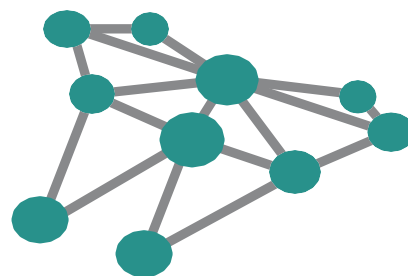
Fakultet za fiziku
Sveučilište u Rijeci

Research Division of Experimental and Applied Physics

- Laboratory for Elemental Microanalysis
- Laboratory for Surface Physics
- Laboratory for Quantum and Nonlinear Optics
- Laboratory for Medical and Environmental Physics
- Laboratory for Scanning Electron Microscopy
- Laboratory for the Synthesis of Functional Materials
- Laboratory for Thin Films
- Laboratory for Transport Measurements



Centre for Micro- and Nanosciences and Technologies



NANORI



Faculty of Physics (FIZRI)



University of Rijeka, Croatia (UNIRI)

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