

University of Rijeka

Faculty of Maritime Studies

Croatia

IRENA JURDANA

Associate professor

Vice Dean for Academic Affairs



OUTLINE

Republic of Croatia

University of Rijeka

Faculty of Maritime Studies

CROATIA



Unitary parliamentary constitutional republic

Population : 4.3 million

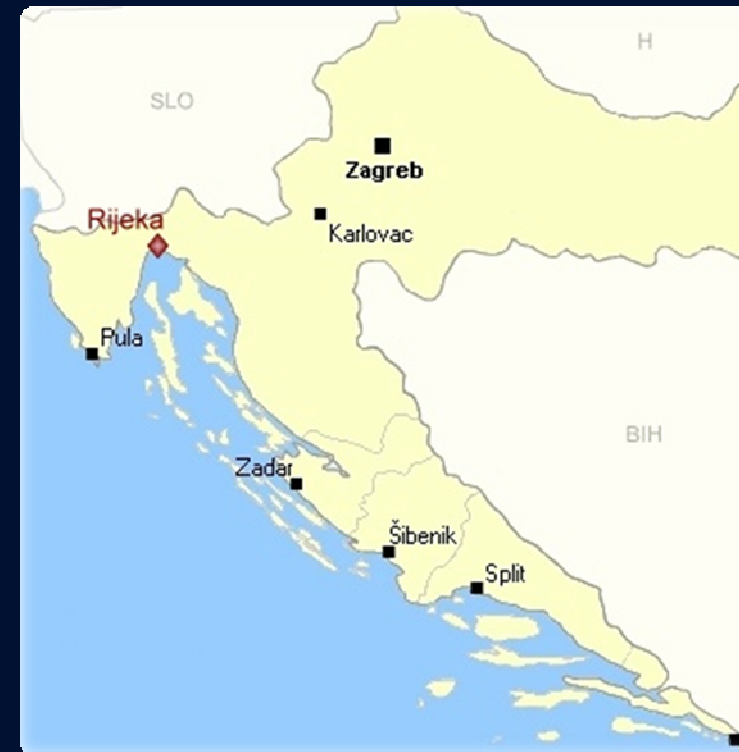
Capital city: Zagreb

Official language: Croatian

Currency: Kuna

Covers 56,594 km²

Member state of: the European Union,
the Council of Europe, NATO



CROATIA

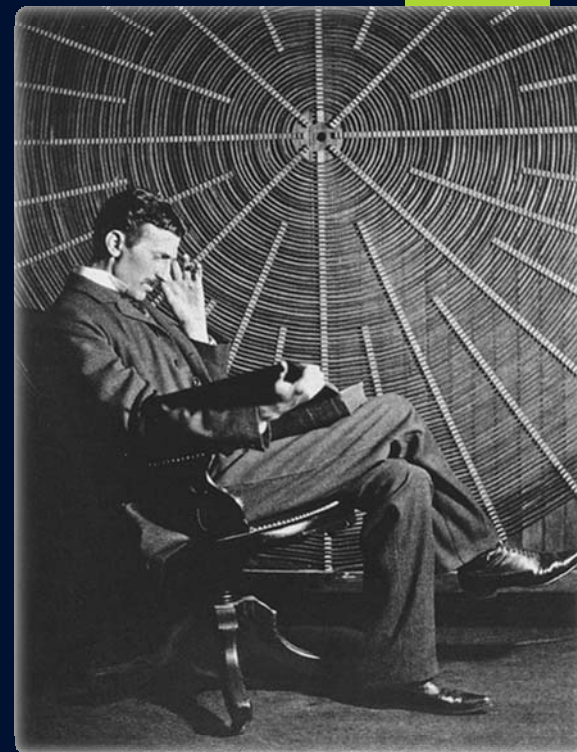


CROATIA



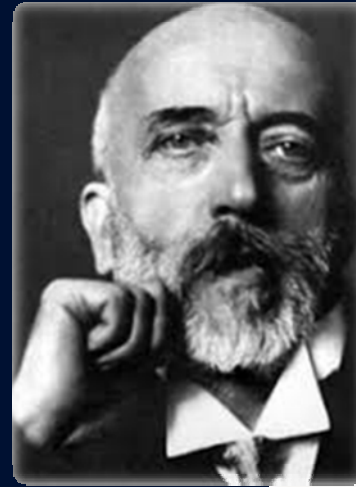
NIKOLA TESLA

- ▶ 1856 Smiljan, Croatia, - 1943 New York, USA
- ▶ Tesla was an inventor, electrical engineer, mechanical engineer, physicist, and futurist who is best known for his contributions to the design of the modern alternating current (AC) electricity supply system.
- ▶ Tesla invented electric oscillators, improved lights and the high-voltage transformer known as the Tesla coil. He also experimented with X-rays, wireless telegraphy, vacuum variable capacitors, induction motors and remote control.
- ▶ The **tesla** (symbol T) is a derived unit of the strength of a magnetic field in the International System of Units.



The Nikola Tesla Memorial Centre in Smiljan, Croatia

ANDRIJA MOHORVIČIĆ



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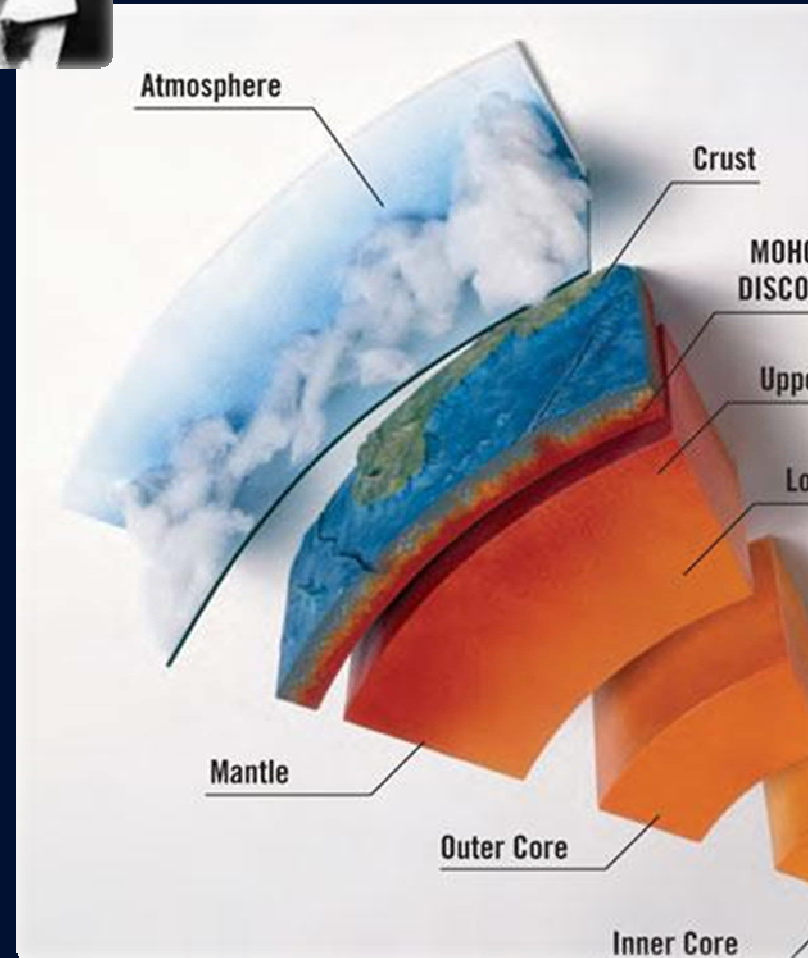
1857 Rijeka, Croatia – 1936 Zagreb, Croatia

Mohorovičić was a Croatian meteorologist and seismologist.

He is considered as one of the founders of modern seismology.

Mohorovičić concluded that the Earth has several layers above a core. He was the first to establish, based on the evidence from seismic waves, the discontinuity that separates the Earth's crust from its mantle. This is now called the **Mohorovičić discontinuity** or **Moho layer**.

Mohorovičić assumed that the velocity of seismic waves increases with the depth. The function he proposed to calculate the velocity of seismic waves is called the Mohorovičić law.



CRAVAT

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Croatian soldiers served in many European armies since the seventeenth century. So in the French army in the 17th century, during the reign of Louis XIII, there was a cavalry composed exclusively of the Croats, called **Royal – Cravate**.

These soldiers gave the world something that is today unavoidable in fashion: the **tie**, called **la cravate** by the French and by the Germans **die Krawatte** - the expression was coined from the Croatian name, and mentioned for the first time in 1651.



SPORT IN CROATIA

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- ▶ Football
- ▶ Alpine skiing
- ▶ Handball
- ▶ Rowing



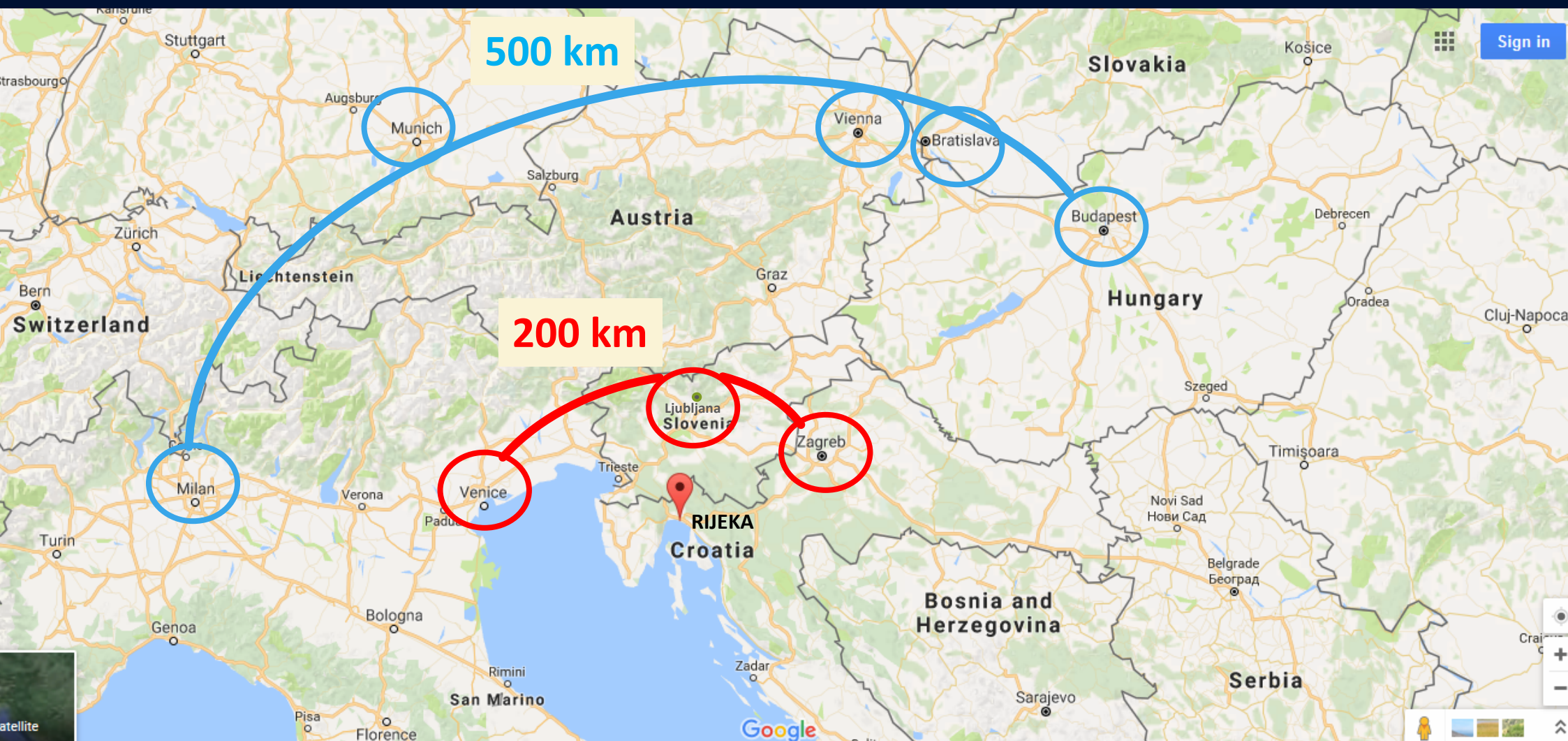
RIJEKA

- ▶ principal seaport and the third-largest city in Croatia
- ▶ City population: 150,000
- ▶ The city's economy largely depends on shipbuilding and maritime transport



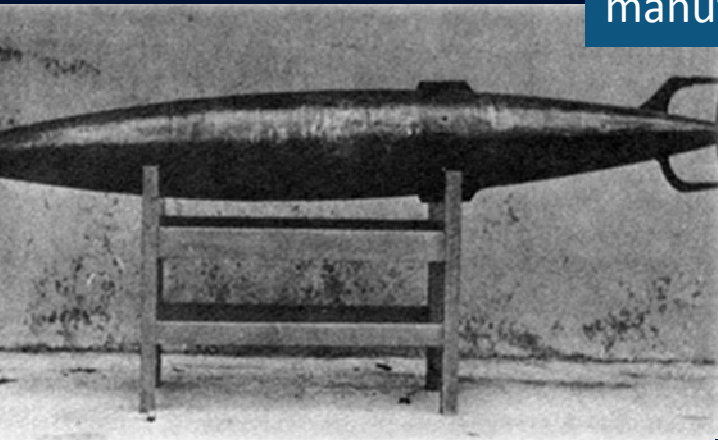
RIJEKA

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RIJEKA

1866: the world's first **torpedo** was designed and manufactured in Rijeka.



Rijeka was selected as the **European Capital of Culture** for 2020.



The international carnival
15,000 participants from all over the world organized in over 200 carnival groups.



2016 European universities games:
5000 students from 45 European countries and different universities competed in 2 different sports.

UNIVERSITY OF RIJEKA

- ▶ www.uniri.hr
- ▶ The University of Rijeka was founded in 1973
- ▶ In Figures...

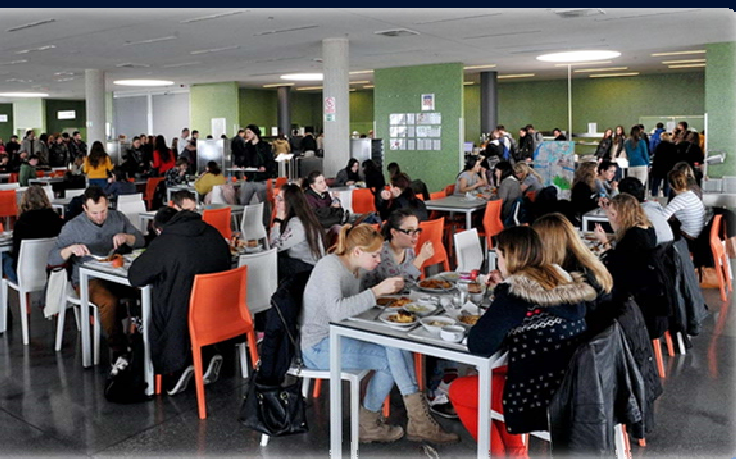
1	Academy
4	University departments
11	Faculties
48	Study programmes
1,630	Employees
3,100	Elective courses
6,000	Mandatory courses
19,200	Students
65,700 m ²	of Campus work area
105,000 m ²	of work area at University



UNIVERSITY OF RIJEKA

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► CAMPUS



- DORMITORY
- Monthly prices
 - Single room
 - 150 EUR



UNIVERSITY OF RIJEKA

- ▶ CAMPUS
- ▶ Accommodation for professors
- ▶ Price per night / person
 - ▶ apartment

▶ 30 EUR





SVEUČILIŠTE U RIJECI, UNIVERSITY OF RIJEKA

POMORSKI FAKULTET

FACULTY OF MARITIME STUDIES

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History

➤ 1866 – 1914

Austro-Hungarian Naval Academy

➤ 1949

Rijeka Maritime College

➤ 2001

Faculty of Maritime Studies of the University of Rijeka



▶ **STUDY PROGRAMMES**

- ▶ **Nautical Studies and Maritime Transport Technology**
- ▶ **Marine Engineering and Maritime Transport Technology**
- ▶ **Marine Electrical Engineering and Information Technology**
- ▶ **Logistics And Management in Maritime Affairs And Transport**
- ▶ **Technology And Organisation of Transport**

UNDERGRADUATE LEVEL

3 years
180 ECTS
BSc

GRADUATE LEVEL

2 years
120 ECTS
MSc

POSTGRADUATE DOCTORAL STUDY

3 years
180 ECTS
PhD

- **2019/2020: 1800** students
- 350 students enrolled in the first year of study

► INTERNAL ORGANISATION

- Department of Nautical Sciences and Maritime Transport Technology
- Department of Marine Engineering and Power Supply Systems
- Department of Electrical Engineering, Automation and Computing
- Department of Logistics and Management in Maritime Affairs and Transport
- Department of Technology and Organisation in Maritime Affairs and Transport
- Department of Social Sciences
- Department of Natural Sciences
- Department of Foreign Languages

FACULTY OF MARITIME STUDIES

21

- 75 Teaching staff
- + 75 external associates





MARITIME TRAINING CENTRE AND LIFE-LONG LEARNING

The Faculty of Maritime Studies Rijeka offers the following sorts of courses for acquiring watchkeeping certificates of competency as per IMO STCW Convention 1978, as amended:

- Watchkeeping Courses - STCW 1978, as amended
 - Deck Department
 - Engine-room Department
 - Marine Electronics and Maritime Communications
- Supplementary Certificates of Competence (STCW 1978, as amended)
- Special-purpose courses other than STCW are also offered at request
- Custom designed courses upon request

INTERNATIONAL COOPERATION

- **Member of IAMU** - International Association of Maritime Universities (67 members)
- **ERASMUS+** - The biggest EU programme for education, training, youth and sports
Students are able to study abroad for a period ranging from 3 months up to a maximum of 12 months.
Staff can spend a teaching and training period abroad for up to 2 months.
We have 28 partner institutions in 21 countries.
KA 107: Japan, Ukraine, Canada
- **CEEPUS** - Central European Exchange Program for University Studies

INTERNATIONAL PROJECTS

Currently ongoing

- ▶ Interreg HR – ITA : 6 projects
- ▶ Interreg HR – MED : 1 project
- ▶ ERASMUS+ - KA2: Cooperation innovation: 2 projects
- ▶ ERASMUS+ - KA2: Strategic partnerships: 4 projects
- ▶ University of Rijeka: 12 projects

SCIENTIFIC JOURNAL OF MARITIME RESEARCH „POMORSTVO”

- ▶ **Journal Mission** – The Scientific Journal of Maritime Research promotes science, profession, the scientific thought and a scientific approach in the multidisciplinary area of the technical, social, humanistic and other sciences within the complex field of Maritime Studies.
- ▶ Journal is published twice a year (in June and December).
- ▶ Papers published in the Journal of Maritime Studies are included in the data bases of:
 - ▶ ...WoS, SCOPUS , TRIS, GEOBASE, HRČAK ...



CV – Irena Jurdana

- ▶ B.Sc. and M.Sc. degrees in Electrical Engineering from the University of Zagreb, Faculty of Electrical Engineering and Computing
- ▶ Ph.D. degree in Technical Science, Traffic and Transportation Technology from the University of Rijeka Faculty of Maritime Studies
- ▶ From 1990 to 2006: optical transmission network R&D engineer in Croatian Telecom
- ▶ From 2007: Faculty of Maritime Studies
- ▶ Head of following courses: **Electrical Measurement & Instrumentation, Computer Networks & Protocols, Electronic Navigation Devices, Optoelectronic Systems, Optical technologies in maritime industry**



My hometown

LINKS

- ▶ University of Rijeka
 - ▶ www.uniri.hr
- ▶ Faculty of Maritime Studies
 - ▶ www.pfri.uniri.hr
- ▶ Contact Irena Jurdana
 - ▶ e-mail: jurdana@pfri.hr

THANK YOU FOR YOUR ATTENTION!

