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# Meeting of the Bologna Follow-up Group

Bucharest, 3 – 5 April 2019

Ministry of National Education

University POLITEHNICA of Bucharest



MINISTERUL EDUCAȚIEI NAȚIONALE





# Romania





# Romania

- ◉ 9th largest country in the EU by size (238,400 sq km)
- ◉ 7th largest country in the EU by population (19,8 mil.)
- ◉ the highest economic growth in the EU in 2017
- ◉ official language Romanian – latin language
- ◉ 2<sup>nd</sup> in the EU by the average number of languages learned in upper secondary schools
- ◉ fastest growing industry: IT, while Romania has one of the fastest internet speeds in the world





# Romania



**Sarmizegetusa Regia**, was the capital and the most important military, religious and political centre of the Dacians prior to the wars with the Roman Empire (second half of the first century AC). Erected on top of a 1200 m high mountain, the fortress, comprising six citadels, was the core of a strategic defensive system in the Orăştie Mountains (in present-day Romania).

The statue of Dacian king Decebal (85 - 106), carved in the rocky bank of the Danube river, is **the tallest rock sculpture in Europe** (55 metres tall). The monument celebrates obduracy, audacity and pride. It is a homage to the last king of Dacia (today's Romania).

**2018 is the year of the country's centenary**





**“Cohesion:  
A common European Value”**

- **2007 Romania becomes a member of the European Union**
- **2019 Romania's Presidency of the Council of the European Union (1st of January – 30th of June)**

**2018 is the year of the country's centenary**





- EARLY CHILDHOOD EDUCATION
- LANGUAGE LEARNING
- "ERASMUS" INCLUSIVE MOBILITY
- ROLE OF UNIVERSITIES IN THE SUSTAINABLE DEVELOPMENT

**INCLUSION**

**EXCELLENCE**

**MOBILITY**

- PERFORMANCE-BASED FUNDING
- "ERASMUS"
- EUROPEAN UNIVERSITIES
- VET EXCELLENCE CENTER

- ERASMUS
- LANGUAGE LEARNING
- EUROPEAN UNIVERSITIES
- VET EXCELLENCE CENTERS

**"Cohesion:  
A common European Value"**

**RO PRES  
priorities in the  
field of Education**

**"Connecting education"**



MINISTERUL EDUCAȚIEI NAȚIONALE



# Higher education in Romania

**54 Public universities and 38 Private universities**

**Approx. 540,000 students (470,000 in public universities and 70,000 in private universities)**

**Over 25,000 foreign students (up by 25% in the last four years)**

**54% female students**

**16% of first year students have graduated from high school more than 5 years prior to HE entrance**

**approx. 27,000 teachers working in the Higher Education Institutions**



# Higher education in Romania

**In 2018 Romania doubled the amount for student scholarships**

**Romania has one of the highest number of places in dorms in Europe**

**Free train transportation inside Romania for students**

**Objective: Increase participation in tertiary education**



# Romania & Bologna Process

**1999 Romania signed the Bologna Declaration**

**2010-2012 Hosted the BFUG Secretariat**

**2012 – Bucharest Ministerial Conference and Bologna Policy Forum**

**2012, 2014, 2017, 2019 –Bologna Process Researchers' Conference**



# Bucharest

- ◉ Political, economic and cultural center of Romania
- ◉ Largest city in Romania, with 2.1 mil inhabitants
- ◉ 6th largest city in the EU
- ◉ Nominal GDP of 55.4 billion (27.3% of Romania)
- ◉ It holds the second largest administrative building in the world – Palace of Parliament



**The Palace of Parliament**



# University POLITEHNICA of Bucharest

*two centuries of innovational wisdom*





# Who we are



- **The most prestigious technical university in Romania, with over 30,000 students and 200 years of history**

- **The most important research centre in the region, with outputs towards the private sector**

- **An international partner to some of the most prestigious and innovative universities in the world (100 countries)**



# Quality teaching and learning

**30,000** students enrolled in BSc, MSc, and PhD studies

**2,785 total staff; 1,334** academic staff – **366** full professors, **370** PhD coordinators

**15** faculties, **35** study programs in **English, German and French**

## Bachelor

- ◉ **17 major fields**
- ◉ **more than 75 distinct specializations**
- ◉ **4 years duration**

## Master

- ◉ **more than 180 specializations**
- ◉ **2 years duration**

## PhD

- ◉ **14 fields of Engineering Sciences**



# Research at a large scale

## Infrastructure

- 51 research centres
- **17,000 m<sup>2</sup>** dedicated to research
- 70 **new** state-of-the-art laboratories
- 115 pending patents
- over 1,000 WOS publications yearly





# Two new research facilities (CAMPUS & PRECIS)



- ◉ 16,300,000 EUR invested
- ◉ 41 state of the art research labs
- ◉ oriented towards private sector services and international cooperation



- ◉ 10,937,586 EUR invested
- ◉ 28 research labs
- ◉ 11 international projects in which PRECIS infrastructure will be involved



# Măgurele Science Park Association

- ◉ ELI-NP is going to be the most advanced research facility in the world focusing on the study of photonuclear physics and its applications, comprising a very high intensity laser of two 10PW ultra-short pulse lasers and the most brilliant tuneable gamma-ray beam.
- ◉ The **Măgurele Science Park** is aiming at attaining the regional development role of the facility, while economically valorizing the scientific research results on the entire Măgurele platform.





# The UPB Hub



**Aula magna**



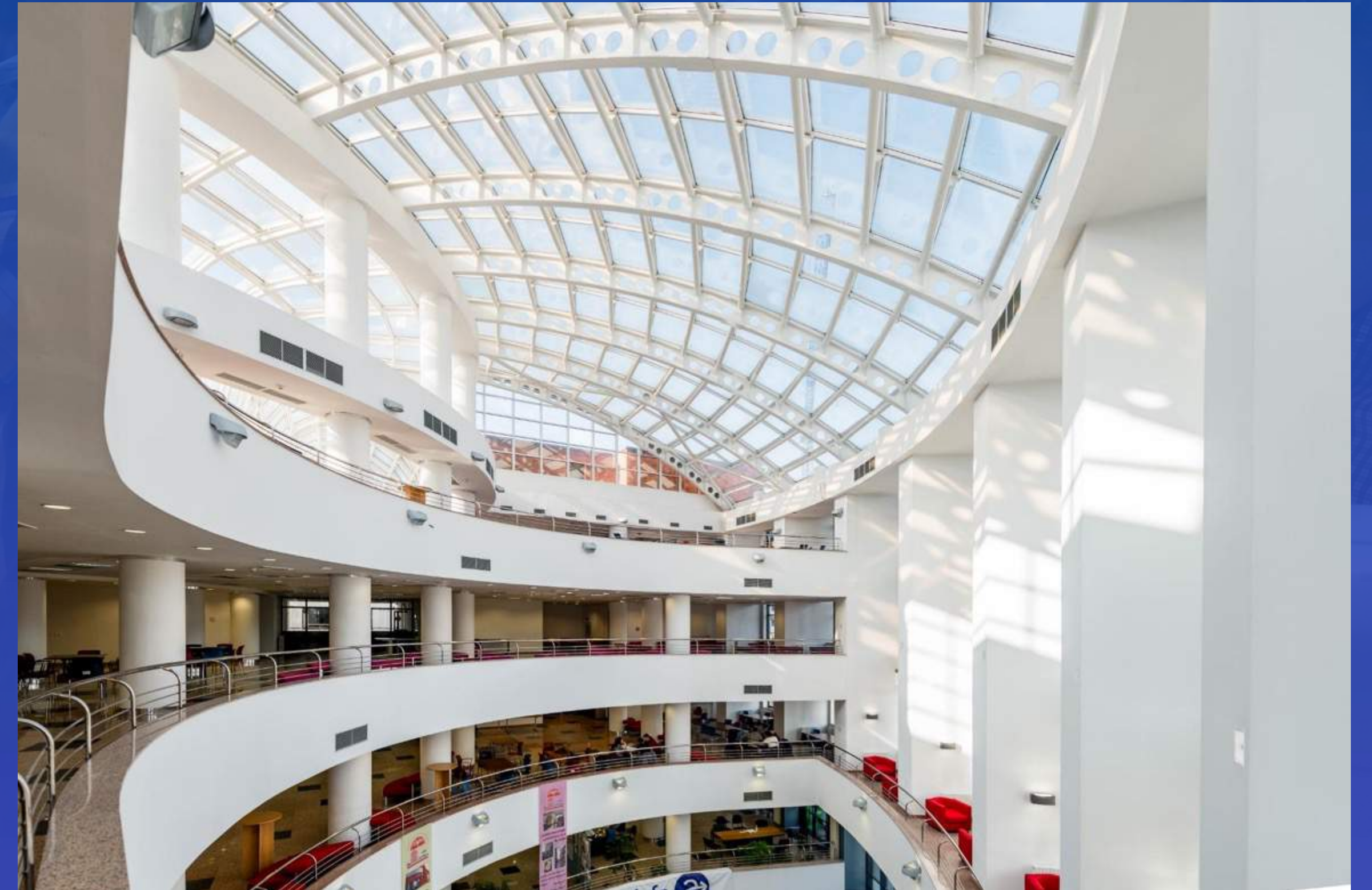
# The UPB Hub



**Central library  
event halls**



# The UPB Hub



Central library halls



# The UPB Hub



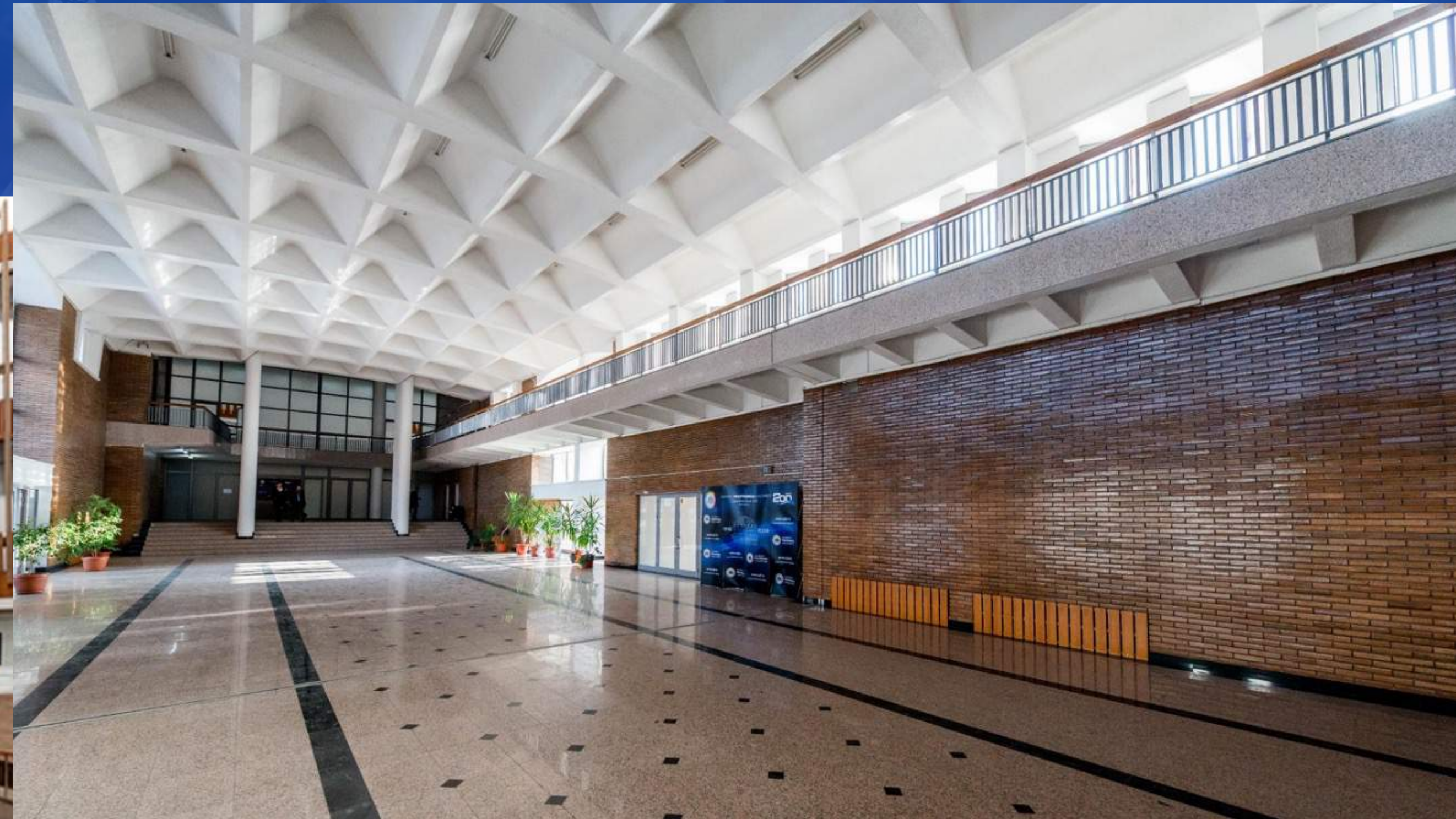
**Amphitheater**



**Events halls**



# The UPB Hub



**The central Rectorate Building**



# The UPB hub



**Hotel**



**Restaurant**



# Main Agenda Coordinates

## **WEDNESDAY, 3 APRIL 2019**

*14:00 – 18:00 EQAR MEETING*

*19:30 WELCOME RECEPTION*

## **THURSDAY, 4 APRIL 2019**

*9:00 – 17:00 BFUG MEETING*

*18:00 CULTURAL PROGRAMME AND GALA DINNER*

## **FRIDAY, 5 APRIL 2019**

*9:00 – 13:00 BFUG MEETING*

*14:00 – 20:00 LUNCH AND SOCIAL PROGRAMME*



# The wonders of Bucharest



The Romanian Athenaeum



Central library



The Village Museum



National Museum of Art



Cotroceni Palace



Museum of Natural History



# The wonders of Romania



Romania features **the youngest continental land:** (*the Danube Delta*) in Europe, being the 3rd in the world as biodiversity. The mighty Danube River flows 1,788 miles from its springs in Germany's Black Forest to the Black Sea. Just before reaching the sea, it forms the Danube Delta - second largest and best preserved in Europe – 2,200 square miles of rivers, canals, marshes, tree-fringed lakes and reed islands. The Danube Delta is a wildlife enthusiast's paradise (especially a bird watcher's). It is home to **the world's largest reed bed** and hosts rare species of plants and animals, including endangered sturgeon, otters, wildcats and European mink.

The natural paradise of the Danube Delta - UNESCO site



# The wonders of Romania



The Black Sea



# The wonders of Romania



The Carpathian Mountains are home to one of **the largest virgin forests in Europe**. 400 unique species of mammals, including the Carpathian chamois, call the Carpathian Mountains home. 60% of European brown bear population lives in the Carpathian Mountains.

The amazing Carpathian Mountains



# The wonders of Romania



The Peleş Castle (the first European castle entirely lit by electrical current)



The Voronet monastery (UNESCO site)







# Thank you!

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