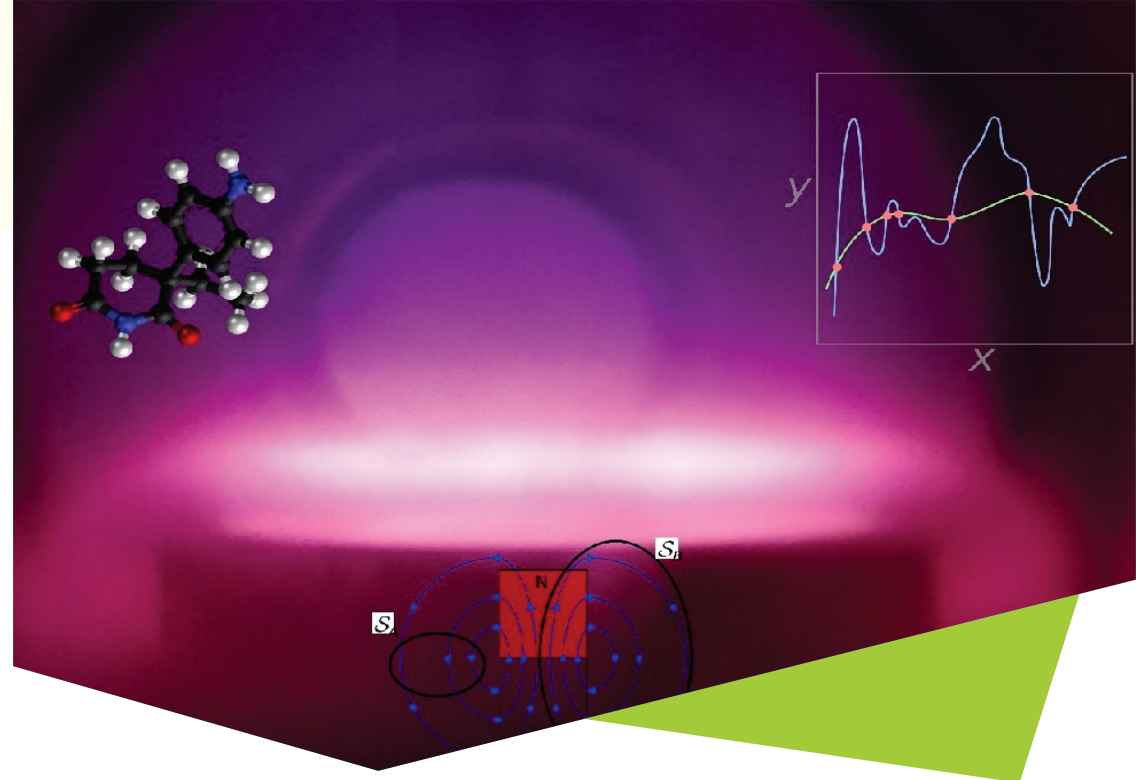


## FACTS ABOUT IAȘI

1. A city of 350.000 inhabitants, out of which 50.000 students
2. One of the Easternmost university cities in the European Union
3. Birthplace of Romania (Union of Moldavia and Wallachia in 1859)
4. Vibrant IT hub; 6<sup>th</sup> fastest world internet speed (2017)
5. City of the first modern University in Romania (UAIC, 1860)
6. Home to one of the top 7 theatre buildings that take your breath away (BBC)
7. Top Christian Orthodox pilgrimage site (over 300.000 pilgrims/year)
8. Features a library in top 25 majestic libraries of the world (BoredPanda.com)
9. A City of Seven Hills, surrounded by vineyards and bicycle paths
10. Direct flights to and from 25 European cities in Italy, France, UK, Spain, Austria, Germany, Denmark, Cyprus, Israel, Greece, Romania (see map)



# JASSY

## Summer School - 2<sup>nd</sup> edition

HS

Iași, Romania  
7-21 July 2019

**HARD SCIENCES UNVEILED -**  
an Interdisciplinary Tour



Alexandru Ioan Cuza University of Iași (UAIC)  
[www.uaic.ro/jassy](http://www.uaic.ro/jassy)

## HARD SCIENCES UNVEILED - an Interdisciplinary Tour

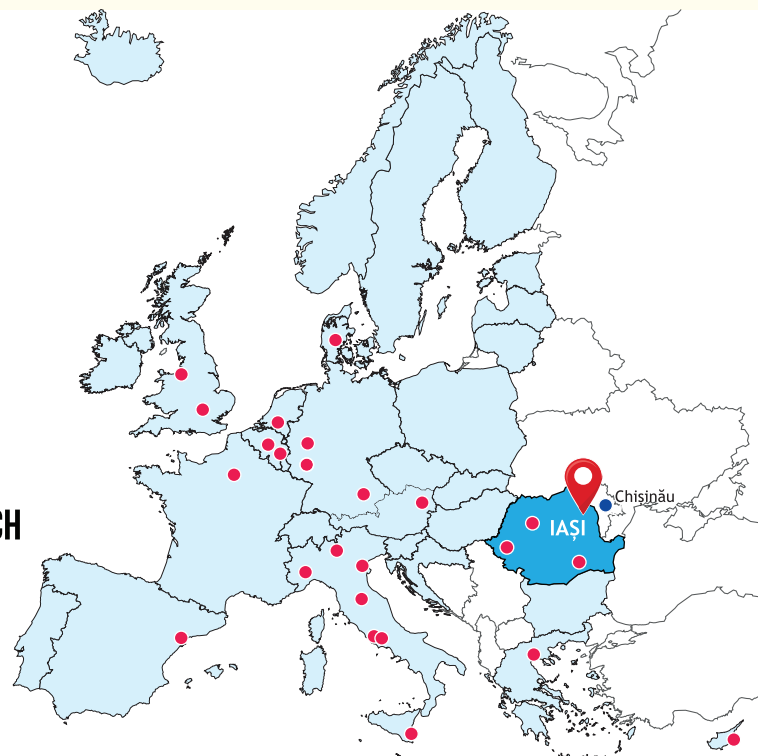
### Main data:

**14 DAYS**

**LECTURES,  
WORKSHOPS  
& INFORMAL  
ACTIVITIES**

**6 ECTS CREDITS  
300 € FEE\***

**1 GREAT CITY & A RICH  
CULTURAL REGION**



\* incl. Accommodation,  
Breakfast & lunch during weekdays

● Direct flights to Iași  
■ EU and EFTA

\*flights to Iași via Bucharest available from many  
European cities  
\*flights to Chișinău (120 km to Iași) from many  
Central Asian cities

### Objectives

- learning key concepts in STEM disciplines
- participating in hand-on activities and lab skills training
- collecting, analysing and displaying scientific data from various fields
- meeting researchers who can assist you throughout JASSY and even with further scientific projects

JASSY summer school puts a strong emphasis on transversal competencies, through the interdisciplinarity of its courses and through its extracurricular activities.

### CURRICULUM CHART

#### Lectures and workshops:

- Introduction to cryptography
- Nature inspired methods for solving problems
- Artificial Intelligence
- Machine learning
- High energy particle physics
- Lasers and optical equipment
- Fast imaging of plasmas
- Numerical simulations in physics
- Mathematical structures used in cryptography
- Mathematical models in Life Sciences
- Probability Theory
- Astronomy & sky map reading
- Romanian herbalism
- Romanian ornithology
- Aquatic chemistry
- Materials chemistry

#### Informal Activities:

- Architectural tour of the city
- Historic tram tour
- Visit of heritage buildings
- Birdwatching
- Trip to the cultural region surrounding Iași
- Free walking tours, field trips
- Wine tasting techniques
- Introduction to kayaking

### APPLICATION & OTHER INFO

#### Steps:

1. Send your CV & Motivation letter to [jassy@uaic.ro](mailto:jassy@uaic.ro)  
JASSY assesses the submitted files on a first-come, first-served basis (so send the required documents as early as possible, no later than 1 June 2019)  
JASSY confirms the acceptance by e-mail within three working days
2. Fill in the Registration Form received by e-mail
3. Pay the participation fee as indicated in the e-mail notification  
! Applications received after 1 June 2019 will not be taken into consideration!

#### Other info

- Certificate of Attendance for all attendees;
- **6 ECTS** credits upon successfully passing the final evaluation
- A limited number of scholarships will be available; please visit the JASSY webpage
- A 2-day weekend trip – board and lodging included – at the cost of 100€ /person

#### UAIC Facts:

- Founded in 1860
- Top 3 Romanian Universities
- 533 international academic partners
- Top 2% in Europe in student exchange
- 15 Faculties (Schools)
- 275 Degrees in the 3 cycles (B/M/D)
- 23.000 students
- 1500 full-time staff



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[www.uaic.ro/jassy](http://www.uaic.ro/jassy)



For more info, contact us:  
Tel: +40 232 201839 / Email: [jassy@uaic.ro](mailto:jassy@uaic.ro)