28TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION

Lyon, France • August 17-22, 2026

PROGRAMME

INTERNATIONAL CONVENTION CENTER

IAPR 50 years 1974 - 2024

ICPR 2026
International Conference on Pattern Recognition LYON

Table of Contents

Preface

This preface is intended to introduce the rich variety of contents that characterized the 28th International Conference on Pattern Recognition (ICPR 2026), held in Lyon, France, over August 17–20, 2026, at the International Convention Center. Two further days, August 21–22, 2026, were devoted to workshops and tutori- als.

Lyon, France's third-largest city, located between the beautiful Rhône and Saône rivers, is renowned as a gastronomic capital, a UNESCO historic center (Vieux Lyon), and the birthplace of cinema. Known for its silk, murals, and traboules (hidden passage-ways), it offers a unique blend of Renaissance atmosphere, cultural vibrancy, and modern architecture. Lyon is one of the most important scientific and academic centers in Europe. The city boasts a long intellectual tradition, historically beginning with the prestigious Academy of Lyon in the 18th century, and today it is home to cutting-edge research institutes, especially in the fields of health, biotechnology, and the humanities.

The conference is the flagship of the International Association for Pattern Recognition (IAPR). Formally founded in 1978, IAPR will celebrate the 50th anniversary from the 1st International Joint Conference on Pattern Recognition, which was held at the Mayflower Hotel in Washington, DC. This important event was proudly underlined during the conference to remind the attende-es of the importance of this association for the scientific commu-nity. It has attracted huge numbers of scientists, engineers and students from all over the world and continues to contribute to advancing research, development and applications in pattern recognition, aiming at promoting equality, diversity and inclusion in science.

ICPR 2026 received 1432 paper submissions corresponding to approximately 4400 authors from approximately 70 countries. The papers spanned all six technical tracks of ICPR: Machine Learning and Artificial Intelligence in Pattern Recognition; Computer and Robot Vision; Image, Speech, Signal and Video Processing; Biometrics and Human Computer Interaction; Document Analysis and Recognition; and Biomedical Image Analysis and Bioinformatics. As expected, a large majority of papers were submitted under the first track. At the end of the review process, 710 papers were selected for the conference, with an acceptance rate in line with the previous editions. In this regard, it is important to emphasise that, since its inception, this conference has aimed to provide a training arena for younger researchers, offering them the opportunity to network with each other and with established scientists in the field. The tracks with the highest number of accepted papers were Machine Learning and Artificial Intelligence in Pattern Recognition (273 papers), and Computer and Robot Vision (191 papers). Regarding the other tracks, 94 papers were accepted for Image, Speech, Signal and Video Processing, 41 for Biometrics and Human Computer Interaction, 32 for Document Analysis and Recognition, and finally 79 for Biomedical Image Analysis and Bioinformatics. The conference can be considered as a crossing venue of the various research lines where the different communities can interact and exchange ideas.

The review process was conducted by a total of almost 900 reviewers and 108 Area Chairs. A special mention is due to the emergency reviewers who helped in handling the huge number of papers. During a rigorous single-blind review process, each paper received at least two reviews. The reviews submitted for each paper were read by an Area Chair who provided a meta-review together with an initial recommendation of Accept, Reject, or Borderline along with a suitable justification.

Based on these recommendations, the Program Chairs selected 714 papers for presentation at the ICPR 2026 event. The 24 Track Chairs assigned these papers to 10 oral and 4 poster sessions. The assignment was not made on a quality basis, but rather considering the best presentation option according to the paper topic. These papers captured the latest advances in the field of pattern recognition and were expected to inspire many important scientific discussions at the conference while allowing the authors to network with the broader pattern recognition community. The Program Chairs congratulate the authors whose papers were accepted for presentation, and are grateful to the reviewers, Area Chairs and Track Chairs for their invaluable contribution in shaping the program of ICPR 2026.

The diversity of topics hosted by the conference was also reflected by the choice of the four keynote speakers. Their brilliant talks related to frontline research in the conference areas and inspired interesting discussions. The plenary sessions further included three prestigious IAPR award lectures. The prize lectures were given by the King Sun Fu Prize winner, by the J.K. Aggarwal Prize winner, and by the Maria Petrou Prize winner.

Several best paper awards were presented at ICPR: the Piero Zamperoni Award for the best paper authored by a student, the BIRPA Best Industry Related Paper Award, and the Best Paper Awards and Best Student Paper Awards for each of the six tracks of ICPR 2026.

The organizers hope that the conference was an occasion for all the attendees to enrich their scientific background and get new ideas to inspire their work, and that they enjoyed the organization. Such a big event required a huge work by all the committees involved, which are too many to list here. It is possible to find the full list of involved persons on the conference website. We hope that this hard work was fruitful. We also want to warmly thank the sponsors of the event.

May 2026

Maria De Marsico

Tin Kam Ho

Frederic Jurie

Cheng-Lin Liu

Daniel Lopresti

Ingela Nyström

Jean-Marc Ogier

Arun Ross

Liang Wang

Véronique Eglin

Bertrand Kerautret

Stéphane Bres

Welcome Note from the IAPR President

On behalf of the Executive Committee of the International Association for Pattern Recognition (IAPR), I am pleased to welcome everyone to the 28th International Conference on Pattern Recognition (ICPR 2026), the main scientific event of the IAPR, with this iteration being held in Lyon.

I look forward to hearing inspirational talks and keynotes, catching up with colleagues during the breaks and making new contacts in an informal way.

Planning ICPR takes over four years. This means many decisions had to be made under uncertainty, adding to the already large effort needed to produce a successful conference. It is with enormous gratitude, then, that we thank the ICPR 2026 team of organizers for their hard work, flexibility, and creativity in organizing this ICPR. ICPR always provides a wonderful opportunity for the community to gather together. And Lyon, as a gateway to the European Alps, is a wonderful location to renew the bonds of our international research community.

Each ICPR is a bit different owing to the vision of its organizing committee. For 2026, the conference has tracks and sessions reflecting major themes in pattern recognition: Artificial Intelligence, Pattern Recognition and Machine Learning; Computer and Robot Vision; Image, Speech, Signal and Video Processing; Biometrics and Human Computer Interaction; Document Analysis and Recognition; and Biomedical Imaging and Bioinformatics. This reflects the richness of the Pattern Recognition field.

ICPR 2026 also features 23 workshops, 7 tutorials, and 5 competitions, all on various topics; there is something for everyone. Many thanks to those who are leading these activities, which together add significant value to attending ICPR, whether in person or virtually. Because it is important for ICPR to be as accessible as possible to colleagues from all around the world, we are pleased that the IAPR, working with the ICPR organizers, is continuing our practice of awarding attendance stipends to about 20 early-career authors who demonstrate financial need. Last but not least, we are thankful to the Springer LNCS team for their effort to publish these proceedings.

There will be presentations from four distinguished keynote speakers: Henrik I. Christensen, Alicia Fornes, Cuntai Guan, and Zhu Jun.

We are also looking forward to the lectures from the winners of the three IAPR Prizes:

- The King-Sun Fu Prize is given in recognition of an outstanding technical contribution to the field of pattern recognition. It honors the memory of Prof. King-Sun Fu who was instrumental in the founding of IAPR, served as its first president, and is widely recognized for his extensive contributions to the field of pattern recognition.
- The Maria Petrou Prize is given to a living female scientist or engineer who has made substantial contributions to the field of Pattern Recognition and whose past contributions, current research activity, and future potential are regarded as a model to both aspiring and established researchers. It honors the memory of Prof. Maria Petrou as a scientist of the first rank, and particularly her role as a pioneer for women researchers.

- The J.K. Aggarwal Prize is given to an early career scientist who has brought a substantial contribution to a field that is relevant to the IAPR community and whose research work has had a major impact on the field. Prof. Aggarwal is widely recognized for his extensive contributions to the field of pattern recognition and for his participation in IAPR's activities.

During the conference we will also recognize 10–20 new IAPR Fellows, honoring their contributions to both research and the activities of the IAPR.

In addition, a number of Best Scientific Paper and Best Student Paper awards will be presented, along with the Best Industry Related Paper Award and the Piero Zamperoni Best Student Paper Award. Congratulations to the recipients of all of these very well-deserved awards!

I would like to close by again thanking everyone involved in making ICPR 2026 a tremendous success; your hard work is deeply appreciated. These thanks extend to all who chaired the various aspects of the conference and the associated workshops, my ExCo colleagues, and the IAPR Standing and Technical Committees. Linda O'Gorman, the IAPR Secretariat, deserves special recognition for her experience, historical perspective, and attention to detail when it comes to supporting many of the IAPR's most important activities. Her tasks became so numerous that she recently got support from Carolyn Buckley (layout, newsletter), and Rosemary Green (secretariat).

Moreover, Ed Sobczak has taken care of our web presence for so many years already. A big thank you to all of you!

This is, of course, the 28th ICPR conference. Knowing that ICPR is organized every two years, and that the first conference in the series (1973!) predated the formal founding of the IAPR by a few years, it is also exciting to consider that we are celebrating over 50 years of the ICPRs and at the same time approaching the official IAPR 50th anniversary in 2028: you'll get all information you need at ICPR 2026.

Also coming up is a new activity, a Virtual 29th ICPR to be held in 2027, in between the traditional face-to-face ICPR conferences.

Finally, I offer my thanks and my best wishes to all who are involved in supporting the IAPR throughout the world.

May 2026

Robert Fisher

President of the IAPR

Event Location

Lyon Convention Center Cité Internationale

The 28th International Conference on Pattern Recognition (ICPR 2026) will be held at the Lyon Convention Centre, located within the innovative Cité Internationale complex.

50 Quai Charles de Gaulle
69006 Lyon

From Sunday to Thursday
August 16 - August 20

MAIN ENTRANCE

Please use the Amphitheatre B entrance, located behind the orange "Man on the Phone" statue.

Scan to view the location on Google Maps.

How to Reach
The Venue

The easiest way to reach the venue is by taking the high-frequency bus lines **C1, C5, or C23**, which stop at **Cité Internationale Centre des Congrès** (the nearest stop). Alternatively, lines **C2 and C26** stop at **Cité Internationale Transbordeur**.

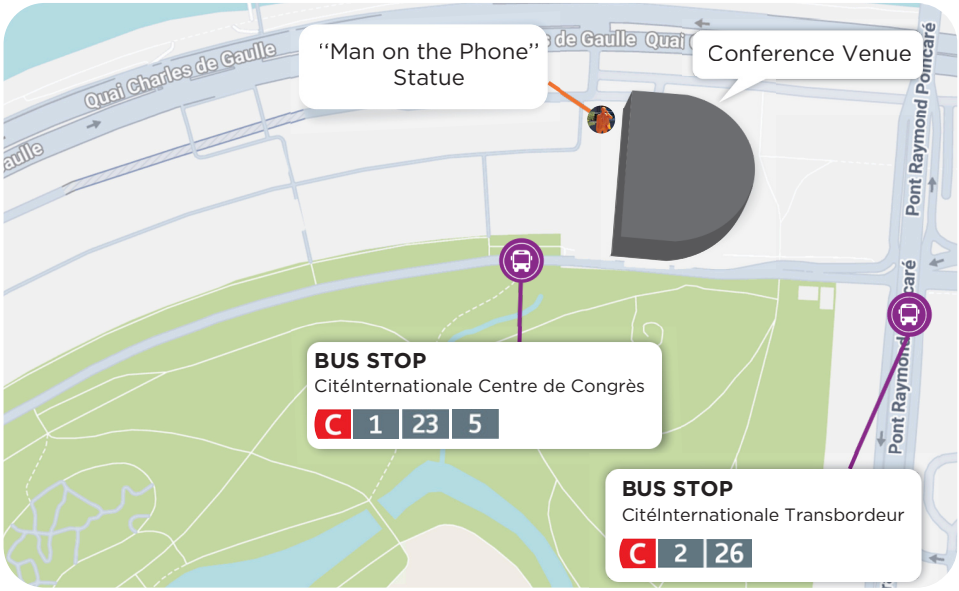
C 1 2 5 23 26

The venue is also within a 30-minute walk of Subway Line A via the Masséna station, which is located just on the other side of the park.

M A

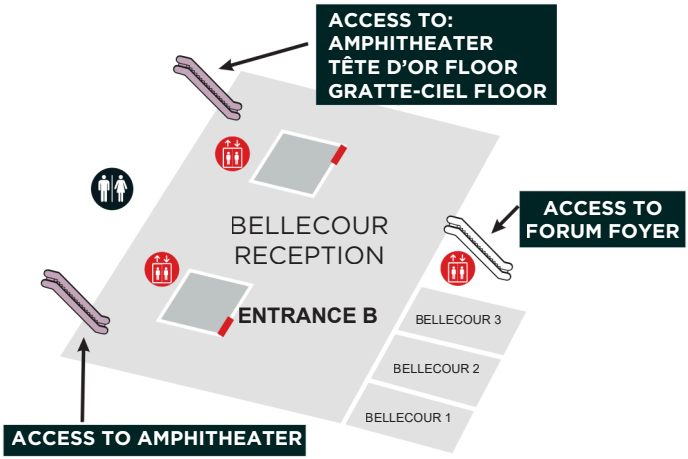
For those arriving by train at the main station (Gare de Part-Dieu), the C1 bus line toward Cuire provides a direct, high-frequency connection straight to the center.

Plan your trip with **Citymapper** or **Google Maps.**



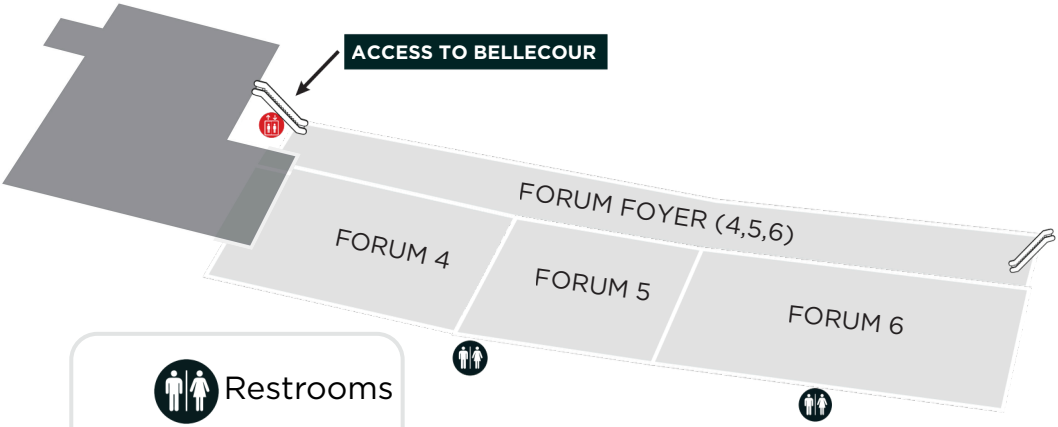
Lyon Convention Center
Floor Plan

BELLECOUR -1

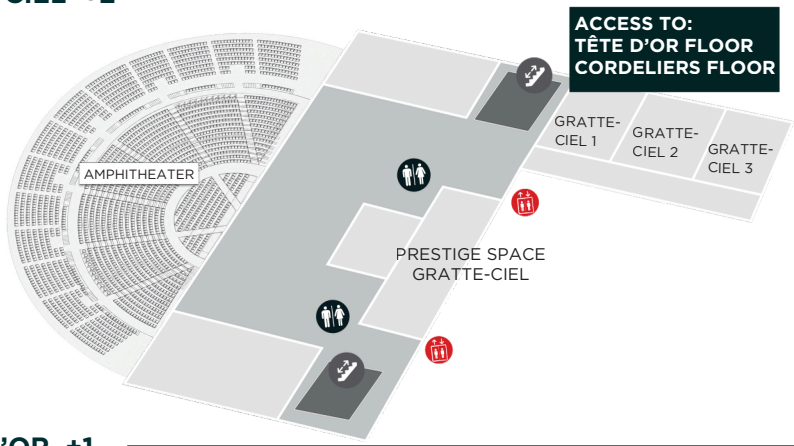


You will enter through Entrance B, which leads directly to the Bellecour level (-1). From there, you can access the other floors: Forum (-2), Cordeliers (0), Tête d'Or (+1), and Gratte-Ciel (+2).

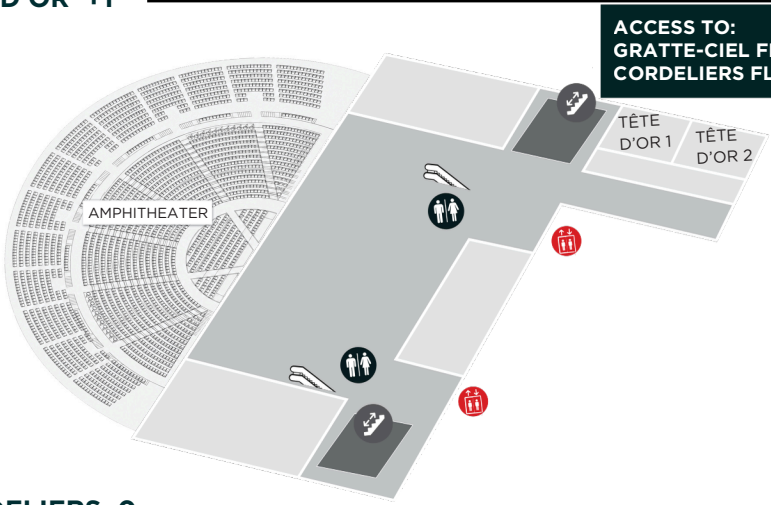
FORUM -2



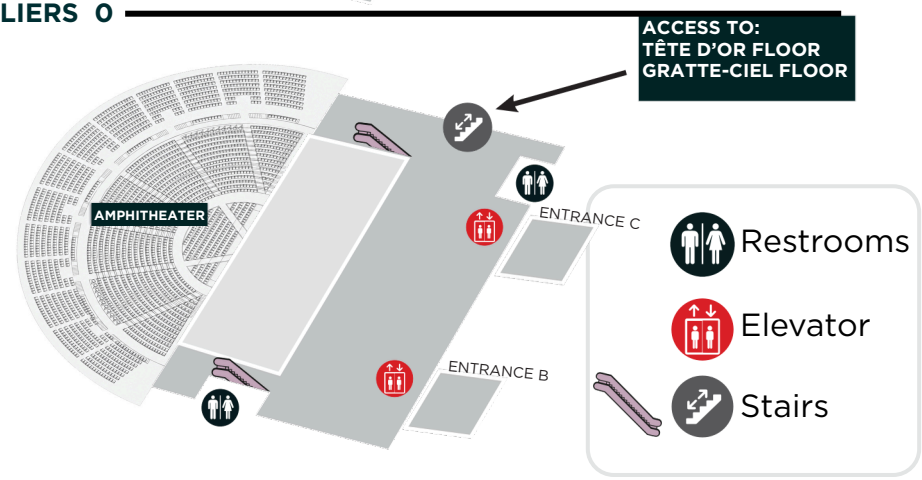
GRATTE-CIEL +2



TÊTE D'OR +1



CORDELIERS 0



Program Highlights

SCAN FOR FULL PROGRAM AND UPDATES

REGISTRATION

Sunday, August 16 | 17:00–19:00
Monday - Saturday | 08:00–08:30

WELCOME RECEPTION

Sunday, August 16 | 19:00–22:00

OPENING CEREMONY

Monday, August 17 | 08:30–09:30

CONFERENCE BANQUET

Wednesday, August 19 | 18:30–23:00
Conference center Forum (floor -2)

MAIN CONFERENCE

Monday, August 17 | Day 1
Tuesday, August 18 | Day 2
Wednesday, August 19 | Day 3
Thursday, August 20 | Day 4

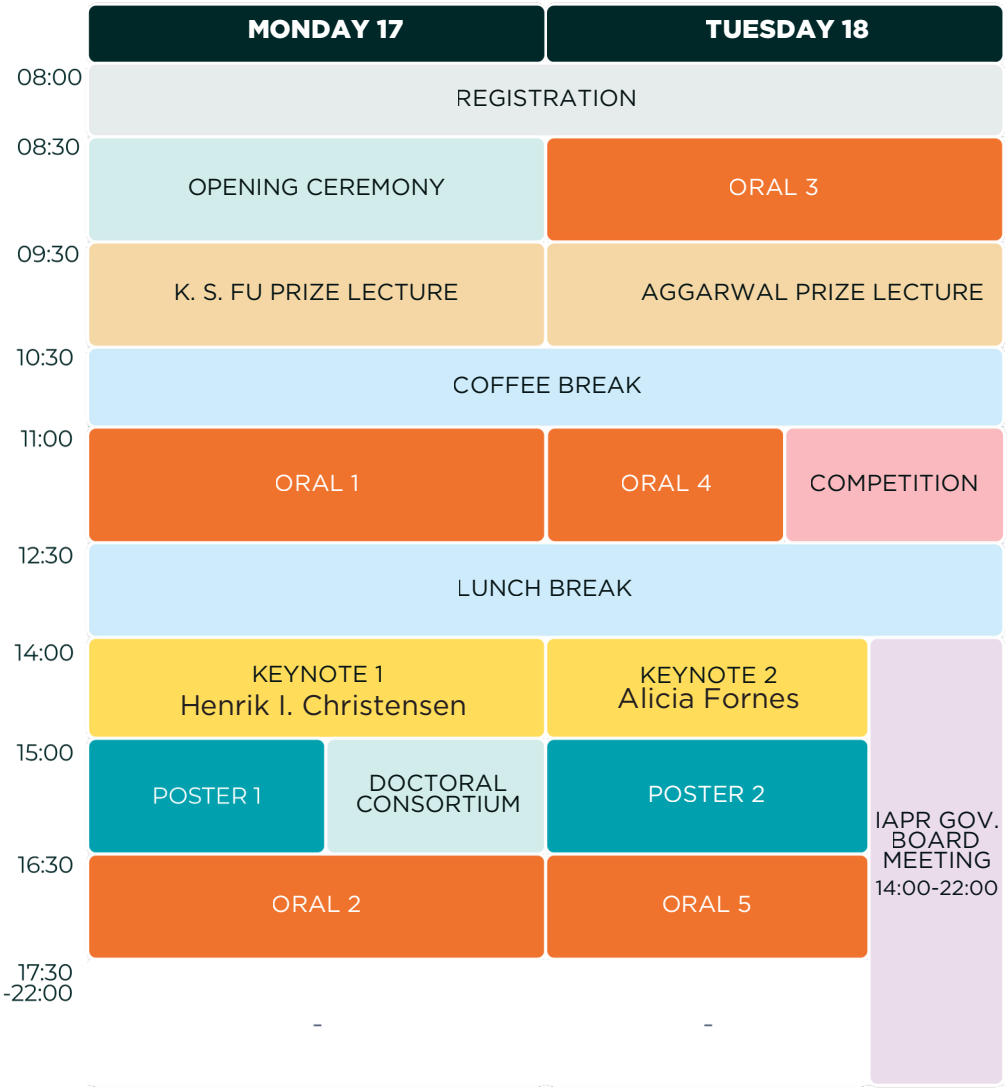
WORKSHOPS & TUTORIALS

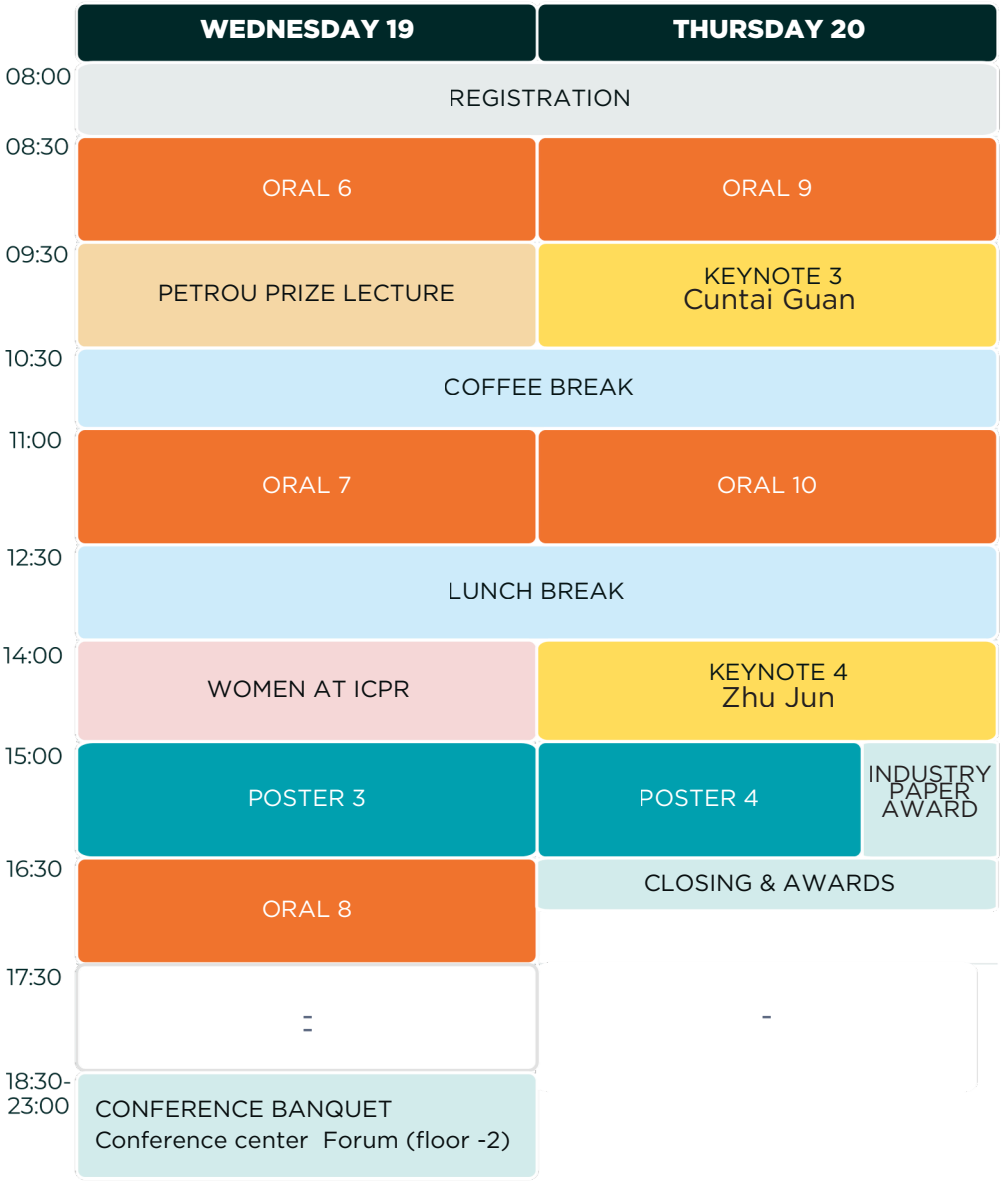
Workshops | Friday, August 21 – Saturday, August 22
Tutorials | Friday, August 21

CLOSING & AWARDS

Thursday, August 20 | 16:30–17:00

Program at Glance




WEDNESDAY 19
THURSDAY 20
08:00
REGISTRATION
08:30
ORAL 6
ORAL 9
09:30
PETROU PRIZE LECTURE
KEYNOTE 3
Cuntai Guan
10:30
COFFEE BREAK
11:00
ORAL 7
ORAL 10
12:30
LUNCH BREAK
14:00
WOMEN AT ICPR
KEYNOTE 4
Zhu Jun
15:00
POSTER 3
POSTER 4
INDUSTRY PAPER AWARD
16:30
ORAL 8
CLOSING & AWARDS
17:30
18:30-23:00
CONFERENCE BANQUET
Conference center Forum (floor -2)
Registration
Ceremony / Special
Prize lectures
Breaks
Oral sessions
Keynotes
Posters

Keynote Sessions

Henrik I. Christensen

Contextual Robotics Institute, UC San Diego, La Jolla, CA

Monday, August 17 | 14h00-15h00
Main auditorium

Building a perception stack for autonomous driving

Short Biography:
Henrik I Christensen is a distinguished professor of computer science and the director of robotics at UC San Diego. He has held faculty positions in Aalborg, Stockholm, and Atlanta prior to San Diego. He is the co-founder of six companies and serves as an advisor to agencies and companies across four continents. He is a fellow of IEEE and AAAS.

Alicia Fornes

Universitat Autònoma de Barcelona (UAB)

Tuesday, August 18 | 14h00-15h00
Main auditorium

Challenges in Handwriting Recognition: The case of Historical Texts, Music Scores and Ciphers

Short Biography:
Dr. Alicia Fornés is an Associate Professor at the Universitat Autònoma de Barcelona (UAB) and an affiliated researcher at the Computer Vision Center (CVC). Her research focuses on document image analysis, handwriting recognition and graphics recognition, with particular focus on historical documents and optical music recognition.

Keynote Sessions

Cuntai Guan

Nanyang Technological University

Thursday, August 20 | 09h40-10h40
Main auditorium

Building a Foundation Model for EEG-based Brain-Computer Interfaces

Biography:

Professor Cuntai Guan is a leading expert in brain-computer interfaces and machine learning, with a focus on EEG-based BCI research and applications in rehabilitation and mental health. He is recognized for his pioneering contributions and has received numerous awards and honors.

Zhu Jun

Department of Computer Science at Tsinghua University

Thursday, August 20 | 14h00-15h00
Main auditorium

Towards Building General World Models

Biography:

Zhu Jun is a Bosch AI Professor at Tsinghua University, focusing on machine learning research. He has published over 100 papers in leading journals and conferences in the field and received numerous awards, and led the development of open-source platforms and large models.

Oral Sessions

Schedule

Oral Session 1, Monday August 17 | 11:10-12:30 :

Oral Session O1-A.T1: Main Auditorium
Representation, Knowledge & Reasoning

Oral Session O1-B.T2: Gratte-Ciel 1-2
Object Detection And Recognition

Oral Session O1-C.T1: Prestige Gratte-Ciel
Induction, Gameplay & Logic Traces

Oral Session O1-D.T5: Gratte-Ciel 3
Natural Language Processing

Oral Session O1-E.T2: Tête d'or 1
Visual Perception From 3D Point Clouds

Oral Session 2, Monday August 17 | 16:30-17:50 :

Oral Session O2-A.T1: Main Auditorium
Regularization, VAEs & Structural Rigidity

Oral Session O2-B.T2: Gratte-Ciel 1-2
Vision And Language

Oral Session O2-C.T1: Prestige Gratte-Ciel
Generative Models & Graph Implementations

Oral Session O2-D.T3: Gratte-Ciel 3
Speech Enhancement and Recognition

Oral Session O2-E.T1: Tête d'or 1
Machine Intelligence & Diagnostic Analysis

Oral Session 3, Tuesday August 18 | 08:30-09:30 :

Oral Session O3-A.T1: Main Auditorium
Choice, Answering & Output

Oral Session O3-B.T2: Gratte-Ciel 1-2
Motion, Tracking And Video Analysis

Oral Session O3-C.T1: Prestige Gratte-Ciel
Deep Learning & Low-Frequency Analysis

Oral Session O3-D.T3: Gratte-Ciel 3
Video Question Answering

Oral Session O3-E.T2: Tête d'or 1
Early And Low-Level Vision

Oral Session 4, Tuesday August 18 | 11:10-12:30 :

Oral Session O4-B.T2: Gratte-Ciel 1-2
Stereo And 3D Vision

Oral Session O3-B.T2: Prestige Gratte-Ciel
Biometrics and HCI (I)

Oral Session O4-D.T5: Gratte-Ciel 3
Text Detection and Recognition

Oral Session O4-E.T6: Tête d'or 1
Magnetic Resonance Imaging

Oral Session 5, Tuesday August 18 | 16:30-17:50 :

Oral Session O5-A.T1: Main Auditorium
Mobile AI & Embedded Systems

Oral Session O5-B.T2: Gratte-Ciel 1-2
Action And Behavior Recognition

Oral Session O5-C.T4: Prestige Gratte-Ciel
Biometrics and HCI (II)

Oral Session O5-D.T5: Gratte-Ciel 3
Text Detection and Recognition

Oral Session O5-E.T1: Tête d'or 1
Autonomous Driving & World GPT Models

Oral Session 6, Wednesday August 19 | 08:30-09:30 :

Oral Session O6-A.T1: Main Auditorium
Facial Recognition & Phishing Detection

Oral Session O6-B.T2: Gratte-Ciel 1-2
Object Detection And Recognition II

Oral Session O6-C.T1: Prestige Gratte-Ciel
Transfer & Meta Learning

Oral Session O6-D.T3: Gratte-Ciel 3
Image and Video Retrieval

Oral Session O6-E.T2: Tête d'or 1
Computer And Robot Vision

Oral Session 7, Wednesday August 19 | 11:10-12:30 :

Oral Session O7-A.T1: Main Auditorium
Clustering & Anomaly Detection Systems

Oral Session O7-B.T2: Gratte-Ciel 1-2
Scene Analysis And Understanding

Oral Session O7-C.T4: Prestige Gratte-Ciel
Biometrics and HCI (III)

Oral Session O7-D.T3: Gratte-Ciel 3
Low Light Image Enhancement

Oral Session O7-E.T6: Tête d'or 1
Pathology Systems

Oral Session 8, Wednesday August 19 | 16:30-17:50 :

Oral Session O8-A.T1: Main Auditorium
Complex Classification & Data Augmentation

Oral Session O8-B.T2: Gratte-Ciel 1-2
Computer And Robot Vision

Oral Session O8-C.T1: Prestige Gratte-Ciel
Medical Deep Learning & Breast Imaging

Oral Session O8-D.T3: Gratte-Ciel 3
Generated Image and Video Detection

Oral Session O8-E.T6: Tête d'or 1
Medical Image Analysis

Oral Session 9, Thursday August 20 | 08:30-09:30 :

Oral Session O9-A.T1: Main Auditorium
Supervised, Unsupervised
& Self-Supervised Methods

Oral Session O9-B.T2: Gratte-Ciel 1-2
Action And Behavior Recognition II

Oral Session O9-C.T1: Prestige Gratte-Ciel
Adaptive Time-Series Analysis

Oral Session O9-D.T3: Gratte-Ciel 3
Image Superpixel and Super-resolution

Oral Session O9-E.T6: Tête d'or 1
Medical Applications

Oral Session 10, Thursday August 20 | 11:30-12:30 :

Oral Session O10-A.T1: Main Auditorium
Standard Loops & Cross-Domain Channels

Oral Session O10-B.T2: Gratte-Ciel 1-2
Action And Behavior Recognition III

Oral Session O10-C.T1: Prestige Gratte-Ciel
Natural Languages & Byte-Time Operations

Oral Session O10-D.T3: Gratte-Ciel 3
Image Processing and Applications

Oral Session O10-E.T6: Tête d'or 1
Modelling for Medical Images

Oral & Poster Sessions
program by track

Track 1: Machine Learning and Artificial Intelligence in Pattern Recognition

Representation, Knowledge & Reasoning
Monday 17, 11h10-12h30 | Main Auditorium

Induction, Gameplay & Logic Traces
Monday 17, 11h10-12h30 | Prestige Gratte-Ciel

Regularization, VAEs & Structural Rigidity
Monday 17, 16h30-17h50 | Main Auditorium

Generative Models & Graph Implementations
Monday 17, 16h30-17h50 | Prestige Gratte-Ciel

Machine Intelligence & Diagnostic Analysis
Monday 17, 16h30-17h50 | Tête d'or 1

Choice, Answering & Output
Tuesday 18, 08h30-09h30 | Main Auditorium

Deep Learning & Low-Frequency Analysis
Tuesday 18, 08h30-09h30 | Prestige Gratte-Ciel

Mobile AI & Embedded Systems
Tuesday 18, 16h30-17h50 | Main Auditorium

Autonomous Driving & World GPT Models
Tuesday 18, 16h30-17h50 | Tête d'or 1

Facial Recognition & Phishing Detection
Wednesday 19, 08:30-09:30 | Main Auditorium

Transfer & Meta Learning
Wednesday 19, 08:30-09:30 | Prestige Gratte-Ciel

Clustering & Anomaly Detection Systems
Wednesday 19, 11h10-12h30 | Main Auditorium

Complex Classification & Data Augmentation
Wednesday 19, 16h30-17h50 | Main Auditorium

Medical Deep Learning & Breast Imaging
Wednesday 19, 16h30-17h50 | Prestige Gratte-Ciel

Supervised, Unsupervised & Self-Supervised Methods
Thursday 20, 08h30-09h30 | Main Auditorium

Adaptive Time-Series Analysis
Thursday 20, 08h30-09h30 | Prestige Gratte-Ciel

Standard Loops & Cross-Domain Channels
Thursday 20, 11h10-12h30 | Main Auditorium

Natural Languages & Byte-Time Operations
Thursday 20, 11h10-12h30 | Prestige Gratte-Ciel

Track 2: Computer and Robot Vision

Object Detection And Recognition
Monday 17 , 11h10-12h30 | Gratte-Ciel 1-2

Visual Perception From 3D Point Clouds
Monday 17, 11h10-12h30 | Tête d'or 1

Vision And Language
Monday 17, 16h30-17h50 | Gratte-Ciel 1-2

Motion, Tracking And Video Analysis
Tuesday 18, 08h30-09h30 | Gratte-Ciel 1-2

Early And Low-Level Vision
Tuesday 18, 08h30-09h30 | Tête d'or 1

Stereo And 3D Vision
Tuesday 18, 11h10-12h30 | Gratte-Ciel 1-2

Action And Behavior Recognition
Tuesday 18, 16h30-17h50 | Gratte-Ciel 1-2

Object Detection And Recognition II
Wednesday 19, 08h30-09h30 | Gratte-Ciel 1-2

Computer And Robot Vision
Wednesday 19, 08h30-09h30 | Tête d'or 1

Scene Analysis And Understanding
Wednesday 19, 11h10-12h30 | Gratte-Ciel 1-2

Computer And Robot Vision
Wednesday 19, 11h10-12h30 | Gratte-Ciel 1-2

Action And Behavior Recognition II
Thursday 20, 08h30-09h30 | Gratte-Ciel 1-2

Action And Behavior Recognition III
Thursday 20, 11h10-12h30 | Gratte-Ciel 1-2

Track 3: Image, Speech, Signal and Video Processing

Speech Enhancement and Recognition
Monday 17 , 16h30-17h50 | Gratte-Ciel 3

Video Question Answering
Tuesday 18, 08h30-09h30 | Gratte-Ciel 3

Image and Video Retrieval
Wednesday 19, 08h30-09h30 | Gratte-Ciel 3

Low Light Image Enhancement
Wednesday 19, 11h10-12h30 | Gratte-Ciel 3

Generated Image and Video Detection
Wednesday 19, 16h30-17h50 | Gratte-Ciel 3

Image Superpixel and Super-resolution
Thursday 20, 08h30-09h30 | Gratte-Ciel 3

Image Processing and Applications
Thursday 20, 11h10-12h30 | Gratte-Ciel 3

Track 4: Biometrics and Human Computer Interaction

Biometrics and HCI (I)
Tuesday 18, 11h10-12h30 | Prestige Gratte-Ciel

Biometrics and HCI (II)
Tuesday 18, 16h30-17h50 | Prestige Gratte-Ciel

Biometrics and HCI (III)
Wednesday 19, 11h10-12h30 | Prestige Gratte-Ciel

Track 5: Document Analysis and Recognition

Natural Language Processing
Monday 17 11h10-12h30 | Gratte-Ciel 3

Text Detection and Recognition
Tuesday 18, 11h10-12h30 | Gratte-Ciel 3

Text Detection and Recognition
Tuesday 18, 16h30-17h50 | Gratte-Ciel 3

Track 6: Biomedical Image Analysis and Bioinformatics

Magnetic Resonance Imaging
Tuesday 18, 11h10-12h30 | Tête d'or 1

Pathology Systems
Wednesday 19, 11h10-12h30 | Tête d'or 1

Medical Image Analysis
Wednesday 19, 16h30-17h50 | Tête d'or 1

Medical Applications
Thursday 20, 08h30-09h30 | Tête d'or 1

Modelling for Medical Images
Thursday 20, 11h10-12h30 | Tête d'or 1

Competition Papers

Competition session
Tuesday 18, 11h00-13h00 | Main Auditorium

Poster Sessions

Poster Session 1 (tracks 1, 2 and 3)
Monday 17, 15h00-16h30 | Forum (floor -2)

Poster Session 2 (tracks 1, 2, 4 and 5)
Tuesday 18, 15h00-16h30 | Forum (floor -2)

Poster Session 3 (tracks 1, 2 and 6)
Wednesday 19, 15h00-16h30 | Forum (floor -2)

Poster Session 4 (tracks 1, 3, 4 and 6)
Thursday 20, 15h00-16h30 | Forum (floor -2)

Notes

Workshops And Tutorials
Location

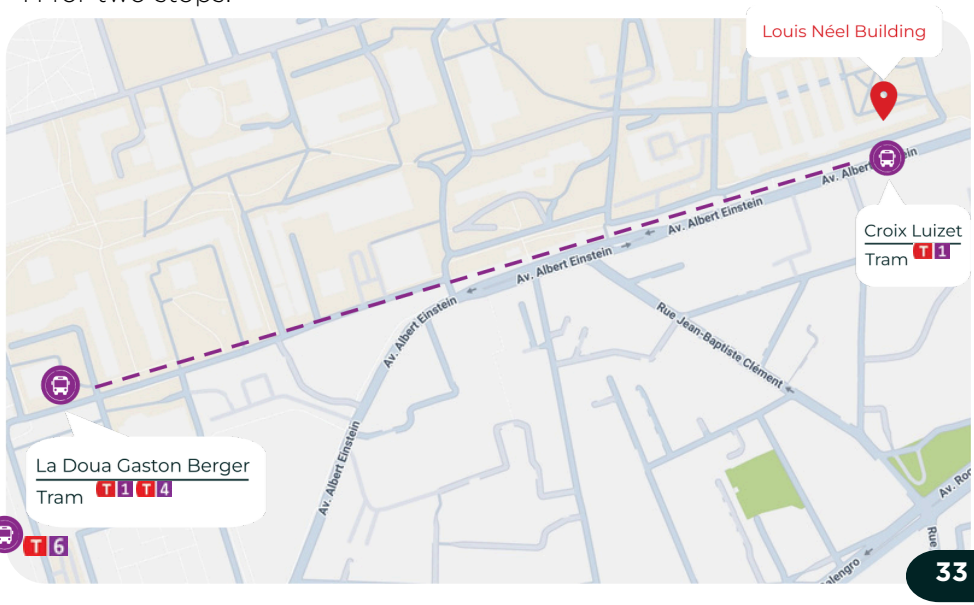
Louis Néel Building
INSA LYON

Workshops and tutorials will take place at the Louis Néel Building, located on the INSA Lyon campus in Villeurbanne.

07 Avenue Jean Capelle
69621 VILLEURBANNE

How to get there

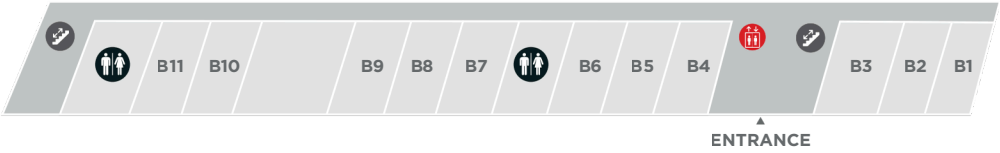
The easiest way to reach the **Louis Néel Building** is by taking **Tram T1** towards **IUT Feyssine** and getting off at **Croix Luizet**. The building is located just in front of the tram stop.Alternatively, you can take **Tram T4** or **Tram T6** and get off at **La Doua – Gaston Berger**. From there, the building is approximately a **15-minute walk**, or you can transfer to Tram T1 for two stops.



Louis Néel Building
Floor Plan

FLOOR +1

FLOOR 0



Workphops Program

Full Day Workshops, Friday August 21 | 8:30-17:30 :

AIHA
Fourth International Workshop on Artificial Intelligence for Healthcare Applications
Room C2 , Louis Néel Building

TIPS
Workshop on Textual Information Processing & Synthesis in the Wild
Room B10 , Louis Néel Building

RRPR
Reproducible Research in Pattern Recognition
Room B6 , Louis Néel Building

IMTAX-2026
Image Mining. Theory and Applications
Room B4 , Louis Néel Building

PRESTIGE
Pattern Recognition and Computer Vision for e-Heritage and Digital Humanities Workshop
Room B9 , Louis Néel Building

ETTAC
Second International Workshop on Eye Tracking Techniques, Applications and Challenges
Room B1 , Louis Néel Building

MCMI
Second International Workshop on Multi- and Cross-Modal Information for Enhanced Pattern Recognition
Amphi Vannier, Louis Néel Building

TrustDoc
Trustworthy Document Understanding: Privacy, Unlearning, Robustness, and Explainability
Room C3, Louis Néel Building

MPRSS 2026
Multimodal pattern recognition for social signal processing in human computer interaction
Room C13, Louis Néel Building

GREEN-PR
Sustainable PR & PR for Environment
Room C12, Louis Néel Building

Afternoon Workshops, Friday August 21 | 13:30-17:30

PRRS
Workshop on Pattern Recognition in Remote Sensing
Room C12, Louis Néel Building

MVI2
Machine Vision for Industrial Inspection
Room B1, Louis Néel Building

V3SC 2026-3
The third International Workshop on Video Surveillance Systems in Smart Cities: Aerial Monitoring and Synthetic Data
Room B5, Louis Néel Building

CVBMC
Computer Vision for Biodiversity Monitoring and Conservation
Room C3, Louis Néel Building

BRAIN
Behavioral Robotics and AI for iNdustrial and social systems
Room B9, Louis Néel Building

PRHA
The Fourth International Workshop on Pattern Recognition in Healthcare Analytics and Bioinformatics
Room C3, Louis Néel Building

PIDM4HCPS
Perception, Interaction and Decision-Making for Human Cyber-Physical Systems
Room B10, Louis Néel Building

BIOMAP
BIO-inspired Methods for Pattern Recognition
Room B5, Louis Néel Building

FMVA
Foundation Models for Vision Applications
Room B1, Louis Néel Building

PAVER
Workshop on Physics-Aware Video gEneration and Restoration
Room C13, Louis Néel Building

XAIE4@ICPR2026
4th workshop on Explainable and Ethical AI
Room B3, Louis Néel Building

AUSTech 2.0
Advances in Underwater Surveillance: Technologies, Challenges, and Future Directions
Room C2, Louis Néel Building

MANPU
International Workshop on coMics ANalysis, Processing and Understanding
Room B4, Louis Néel Building

For more information, including workshop abstracts and other details, please scan the QR code.

Tutorials Program

T1 - Graph based Models for Video Data Analysis from Various Sensors
Friday 22 | 08:30-12h30 Room B3, Louis Néel Building

T2 - Advancing Comprehensive Reasoning in Multimodal Large Language Models
Friday 22 | 13:30-17h20 Amphi Seguin, Louis Néel Building

T3 - Reliable Industrial AI
Friday 22 | 08:30-12h30 Room B7-B8, Louis Néel Building

T4 - Robot Learning with Embodied Vision: From Perception to Action
Friday 22 | 13:30-17h20 Amphi Vannier, Louis Néel Building

T5 - An Introduction to the Formal Verification of Neural Networks
Friday 22 | 08:30-12h30 Room B5, Louis Néel Building

T6 - Counterfactual Explanations of AI Systems: Fundamentals, Methods, & User Studies for XAI
Friday 22 | 13:30-17h20 Room B3, Louis Néel Building

T7 - Agentic Document Intelligence: From Prototype to Production with Trustworthy AI Agents
Friday 22 | 08:30-12h30 Amphi Seguin, Louis Néel Building

For more information, including tutorials abstracts and other details, please scan the QR code.

Notes

The City

Lyon is a city where history, culture and gastronomy come together. Founded more than two thousand years ago as Lugdunum, it became one of the most important political and administrative centres of Roman Gaul, and its Gallo-Roman heritage can still be explored today. Lyon is also regarded as the birthplace of cinema, thanks to the pioneering work of the Lumière brothers, and the city continues to celebrate this legacy through its strong connection with film. In Vieux Lyon, the famous traboules—hidden passageways crossing buildings and courtyards—offer a glimpse into the city's past. Lyon's two historic hills also reflect its identity: Fourvière, "the hill that prays," and Croix-Rousse, "the hill that works," once home to the silk workers who made the city a major centre of textile production. From the Fourvière esplanade, visitors can enjoy one of the most beautiful panoramic views over Lyon.

Visiting Lyon in one day

Discover Lyon in one day through its Roman heritage, Renaissance old town, iconic landmarks and renowned local cuisine.

1. Fourvière Esplanade
Start your day at the Fourvière esplanade and enjoy one of the most beautiful panoramic views over Lyon.
2. Basilica of Notre-Dame de Fourvière
Visit the basilica, one of the city's most famous landmarks, known for its remarkable architecture and richly decorated interior.
3. Gallo-Roman Site of Lyon-Fourvière
Continue to the ancient Roman site, where you can discover the remains of Lugdunum, the Roman city that gave birth to Lyon.
4. Vieux Lyon
Walk down to Vieux Lyon, the city's historic district, with its Renaissance streets, charming atmosphere and hidden passageways.
5. Maison du Soleil
Discover the Maison du Soleil, one of the distinctive historic buildings that reflect the character of old Lyon.
6. Place Saint-Jean
Take time to enjoy Place Saint-Jean, a lively square in the heart of the old town.
7. Saint-Jean Cathedral
Visit Saint-Jean Cathedral, one of Lyon's most important religious and historical monuments.
8. Fresque des Lyonnais
Continue towards the Fresque des Lyonnais, a famous mural celebrating notable figures from Lyon's history and culture.
9. Place des Terreaux / Hôtel de Ville
End your itinerary at Place des Terreaux, one of Lyon's most emblematic squares, where you can admire the Hôtel de Ville and the city's vibrant urban life.

Local food recommendation
To complete your day in Lyon, we recommend trying the local cuisine in a traditional bouchon lyonnais, where you can discover some of the city's most characteristic dishes and enjoy its renowned culinary heritage.

Notes

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Credits

Conference Organization
28th International Conference on Pattern Recognition — ICPR 2026

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