18TH INTERNATIONAL CONGRESS ON CATALYSIS

PROPOSAL TO HOST THE 18TH ICC

14-19 JULY 2024
LYON, FRANCE
What do we expect from this ICC?

- State of the art of catalysis in all its diversity
- Societal needs & challenges
- Exchange of ideas
- Cross-fertilization
- Transdisciplinary fields and education
- Latest innovations in science & technology

Roots and Wings for a Better World
Roots and Wings for a Better World

SHOOTS: areas of new growth

BRANCHES: mature and emerging fields of application

Consolidated ROOTS: fundamental aspects of catalysis

Younger ROOTS: cross-fertilization - innovative concepts and methods

WINGS: Grand challenges addressed by Catalysis

Inclusive conference with promotion of diversity in Catalysis
## Program Structure

### 5 parallel sessions:

- **6 Plenary lectures**
- **15 Keynotes**
- **280 Orals**
- **1,500 Posters**
- **2 IACS Award lectures**

### Transversal sessions

- **Short symposia**
- **Round tables (WINGS)**
Satellite Events

- **2 Summer schools** early July in Lyon and nearby
  - **Catalyst preparation**
    Chair: Prof. X. Carrier
  - **Kinetics and applied Catalysis**
    Chair: Prof. A. Giroir-Fendler

- **4 Symposia** (France, Germany, Spain)
  - **International Symposium on Clean Synthetic Fuels**
    Lille, Chair: Prof. A. Khodakov
  - **International Symposium on Alternative Carbon for Catalysis**
    Spain, Chair: E. Garcia Bordejé
  - **International Symposium on Catalysis for Clean Energy and Sustainable Chemistry (CCESC)**
    Spain
  - **Symposium on Catalysis for a Circular Economy**
    Aachen (Germany), Chair: Prof. R. Palkovits
Call for symposia
Innovative concepts and Areas of new growth

Call for abstracts

Local committees

Catalysis community

A Participatory ICC

IACS

Fundamentals and Applications

Building a participatory and interactive worldwide catalysis community

Build Your ICC!
An Interactive ICC

- **Before the conference (2020-2024):** interactive web tools
  - Sharing ideas for the program

- **At the conference:** mobile applications, possibly with remote interaction
  - Question platforms for all speakers, including plenary speakers

- **After 2024:** all contents shared with the IACS
  - Long-term consolidation for the Catalysis community

**e-ICC 2024:** the optimally connected Catalysis Conference in the service of face-to-face interactions
Tailored Infrastructure for our Congress

- **Large main auditorium + numerous large breakout rooms**
  - Up to 8 parallel sessions and 3,000 participants
- **Large Forums and Atriums**
  - To combine catering (seated lunches), posters, exhibitions, agoras ...
- **Excellent web facilities**
  - Best of practice for interactive aspects

Plenary – 3,000 seats

Breakout – 400 seats

Atrium

Forums

Breakout – 600-900 seats

Seated lunches in Forums
• **Moderate fees that include**
  - Welcome reception
  - Wednesday excursions
  - “Wine and Cheese” at poster sessions

• **Seated lunches on site for only €20/d**
  - Typical French menu
  - Ideal environment to promote discussions

### Registration Fees - in €, excl. VAT - (incl. VAT)

<table>
<thead>
<tr>
<th>Participant</th>
<th>Early*</th>
<th>Late</th>
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<tbody>
<tr>
<td>Standard</td>
<td>650</td>
<td>800</td>
</tr>
<tr>
<td></td>
<td>(780)</td>
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<tr>
<td></td>
<td>(420)</td>
<td>(1080)</td>
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<tr>
<td>On site</td>
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<tr>
<td>Accompanying person</td>
<td>200</td>
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<tr>
<td></td>
<td>(200)</td>
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</table>
• Basis of 1,500 participants → Budget: 1,072,600 € (insurance included)

• Risk mitigation
  → Cautious sponsoring estimate
  → Balanced budget at 1,500 participants

• Cancellation insurances
  → For the organizer (natural disasters..)
  → For attendees, cancellation options will be proposed at registration

• More Student travelling grants
  → Based on revised estimation of participants at abstract submission
They Already Support Us!
Numerous and Diverse Accommodation Offers

- **Typical hotel room rates**
  - 3 stars - €95/night
  - 4/5 stars - €137/night

- **1000 rooms in 3/4* hotels** are located within walking distance of the Congress Center

<table>
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<td>Not rated</td>
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</table>

An attractive ICC for students

- Youth hostel/University residences - €20/night
- **Free** public transport in Lyon for **all participants**
- Cheap student party
- IACS registration grants
- **More travel grants** planned if participants > 1,500
Direct and Convenient Accessibility

• Go directly to Lyon Airport
  → 100 international destinations
  → Lyon center in 25 min. by Express trolley line

• From Paris by high speed trains in 2 hrs

• Easy and enjoyable venue to the Conference Center
  → Next to the Rhône River and the zoological and botanical park
  → 10-20 min. from city center or train station by public transportation
UNESCO Heritage and Capital of Gastronomy

• Excursion on Wednesday afternoon

• Guided tours for free!
  → Lugdunum, capital of Gaul
  → *Old Lyon*, UNESCO site
  → ….and 50 others!

• 15 starred restaurants
  → 3rd best food city / world
Extend Your Trip in a Friendly Atmosphere

Vineyards of Rhône Valley & Burgundy < 2 hrs

Dry season

15°C 59°F
27°C 81°F
Motivated Teams

Executive Committee

C. Chizallet
Secretary

D. Laurenti
Treasurer

P. Fongarland
Industrial Relations

A. Löfberg
Communication & Build your ICC!

C. Pinel
Institutional Relations

N. Tanchoux
Cat. Society Relations

H. Olivier
Chair

D. Farrusseng
Chair

National Advisory Board

E. Loisy

R. Pin

S. Bret

S. Lacassagne
COMING TO LYON IN 2024 AND SHARE YOUR IDEAS

TOGETHER WE WILL BUILD NOT JUST AN ICC
BUT A BETTER WORLD
10 Good Reasons to Choose Lyon, France for ICC 2024

1. Building a participatory and interactive worldwide catalysis community
2. A modern Congress Center located between the Rhône river and a 100 hectares zoological and botanic park
3. Efficient working and enjoyable lunch breaks organized on conference site
4. e-ICC 2024 as the optimally connected Catalysis Conference, at the service of face-to-face interactions
5. Inclusive conference with promotion of diversity in Catalysis
6. 50 public laboratories in Catalysis and more than 1600 researchers with among them Nobel Laureates
7. Lyon Valley of Sustainable Chemistry - 1st in R&D centers and leading industrial platforms
8. Lyon UNESCO’s world heritage & Capital of Gastronomy
9. Premium yet affordable services to encourage the participation of young researchers
10. Celebrate national day in France on July 14th and attend the 2024 Summer Olympics
Scientific Program Keywords

BRANCHES and SHOOTS

Areas of new growth

Consolidated and young ROOTS

CATALYSIS

Chemical engineering
Analytical science
Molecular modeling
Electrochemistry
Surface science
Polymerization
Biochemistry
Diffusion
Younger roots: cross-fertilization - innovative concepts and methods

Consolidated and young ROOTS

H₂ production
Petrochemistry
Energy storage
Fine chemistry
Waste treatment
Solar energy conversion
Water and air treatment
Natural gas transformation
Conversion of small molecules
Renewable resource conversion

Society
Circular Economy
Environment
Mobility
Energy
Climate
Education
Health
Chemistry
WINGS

High Throughput Experiments
Coordination chemistry
Thermodynamics
Materials science
Photochemistry
Data science
Kinetics
A Convention Center for a Tailor-Made ICC

ICC-LYON2024 SPACES

- **AUDITORUM - 320 SEATS**
- **AUDITORUM - 350 SEATS**
- **PLENARY - 3000 SEATS**
- **PREVIEW ROOM**
- **SECRETARIAT**
- **BOARD ROOM**
- **AUDITORUM - 400 SEATS**
- **STAFF OFFICE**
- **EXHIBITION**
- **POSTERS**
- **SEATED LUNCH**

Level 0
- **CORDELIERS**
  - **REGISTRATION**
    - **LEVEL-1 BELLECOUR**

Level 1
- **TÊTE D’OR**

Level 2
- **GRATTE-CIEL**

Level 3
- **ROSERAIE**

Level 2
- **SAINT-CLAIR**

Level 1
- **RHÔNE PASTEUR**

Level 0
- **TERREAUX**

Level-2
- **FORUM**

LUNCH
Schedules of satellite events

juillet 2024

01 lundi | 02 mardi | 03 mercredi | 04 jeudi | 05 vendredi | 06 samedi | 07 dimanche
---|---|---|---|---|---|---

08 lundi | 09 mardi | 10 mercredi | 11 jeudi | 12 vendredi | 13 samedi | 14 dimanche

15 lundi | 16 mardi | 17 mercredi | 18 jeudi | 19 vendredi | 20 samedi | 21 dimanche

22 lundi | 23 mardi | 24 mercredi | 25 jeudi | 26 vendredi | 27 samedi | 28 dimanche

29 lundi | 30 mardi | 31 mercredi

EliCat Summer School, Lyon
CatPrep Summer School, Lyon
SynFuel Symposium
ICC 2024
Olympics Foot - Lyon
Olympics Paris
Olympics Paris