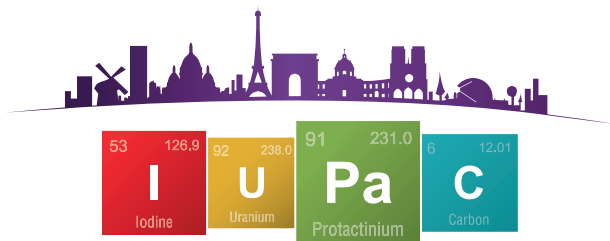


*Under the High Patronage of
Mr Emmanuel MACRON
President of the French Republic*



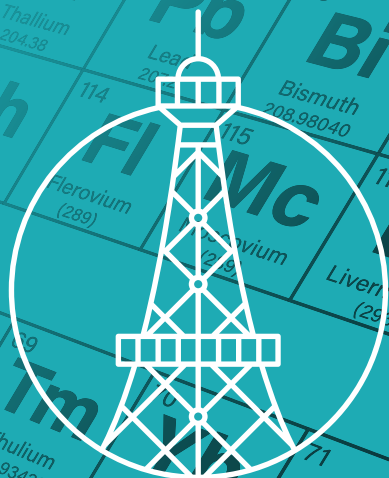
PARIS, FRANCE

**50th General Assembly
& 47th IUPAC World
Chemistry Congress**

« Frontiers in Chemistry:
Let's create our Future!
100 years with IUPAC »

**JULY
5-12
2019**

IUPAC will celebrate its Centenary
holding its General Assembly
and World Congress in Paris,
France, along with dedicated
sessions and events.



I U P A C

IUPAC CENTENARY CELEBRATION

IUPAC PARIS 2019

www.iupac2019.org

LIST OF PROPOSED THEMES AND SYMPOSIA

CHEMISTRY FOR LIFE

- Symp 1.1:** Chemistry for Synthetic Biology
- Symp 1.2:** Chemistry for Translational Medicine
- Symp 1.3:** Nanotechnologies for Health, Food and Beauty
- Symp 1.4:** Polymers and soft materials for Life Sciences

CHEMISTRY FOR ENERGY AND RESOURCES

- Symp 2.1:** Materials for Energy by Computational Design
- Symp 2.2:** New Approaches for Electrochemical Energy Storage and Conversion Systems
- Symp 2.3:** Turning Solar Energy to Fuels via Artificial Photosynthesis
- Symp 2.4:** Towards multi-Terawatt clean Photovoltaic Energy Conversion – Grand Chemical Challenges
- Symp 2.5:** Management of Renewable Energy Related Materials Resources
- Symp 2.6:** Chemistry and Nuclear Energy: new materials and processes for a sustainable nuclear energy

CHEMISTRY FOR THE ENVIRONMENT

- Symp 3.1:** Monitoring Chemicals for a Safer Environment
- Symp 3.2:** Addressing Environmental Issues through Bio-sourced Materials and Green Chemicals
- Symp 3.3:** Carbon Dioxide Capture, Storage, and Recycling
- Symp 3.4:** Catalysis, Sorption and Separation for a Cleaner Environment
- Symp 3.5:** Innovative Chemistry for Environmental Enhancement

CHEMISTRY ACROSS THE THEMES

- Symp CT.1:** Advanced Methodologies for Matter Characterization and better Knowledge
- Symp CT.2:** Sustainable Chemistry, Materials and Resources for the City of the 2050s
- Symp CT.3:** Hot Topics in Chemistry: a better world through Chemistry
- Symp CT.4:** Chemistry and Waves: an ocean for interdisciplinarity
- Symp CT.5:** New Challenges for Chemistry, Materials and Processes in Extreme Conditions
- Symp CT.6:** Hot Topics for the Industrial Chemistry of the 2050s

CHEMISTRY AND SOCIETY

- Symp 4.1:** Chemistry and Society: current knowledge
- Symp 4.2:** Scientific outreach vs Teaching, Perception and Communication in Chemistry
- Symp 4.3:** Chemistry and Society: intensifying the dialogue

CHEMICAL EDUCATION

- Symp 5: session 5.1:** Developing skills and values through chemistry education
- session 5.2:** Research and practice in chemistry education
- session 5.3:** Other topics

HISTORY OF CHEMISTRY

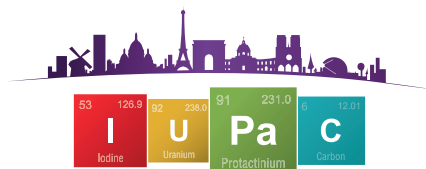
- Symp 6:** IUPAC and Chemistry: A Century of intertwined history, a common heritage for the Future (1919-2019)
- session 6.1:** IUPAC's legacy to Chemistry
- session 6.2:** IUPAC and the heritage of Chemistry
- session 6.3:** The Periodic Table at 150

YOUNG SCIENTISTS PROGRAMME

- Symp 7:** Young Scientists, their needs, interests and issues

SPECIAL SYMPOSIA

- Symp. 8.1:** A Global Survey on Gender Gap in Mathematical and Natural Sciences
- Symp 8.2:** Digital Chemistry and the Lab of the Future
- Symp 8.3:** Hommage to Eduard Hála
- Symp 8.4:** Women in Chemistry
- Symp 8.5:** Chemistry Addressing the UN-17 Sustainable Development Goals



PARIS, FRANCE

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