



The banner features a large image of the Parthenon in Athens, Greece, on the left. To the right, the text reads: "9th IUPAC International Conference on Green Chemistry" in green and black, followed by "18-22 October 2020 Athens, Greece" in teal. Below this is the website "www.greeniupac2020.org". Underneath, it says "Co-Organized By:" followed by two logos: the Association of Greek Chemists (AGC) and the Hellenic Green Chemistry Network. At the bottom center is the IUPAC logo with the text "INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY".

Dear Colleagues,

We have the pleasure to invite you to the **9th IUPAC International Conference on Green Chemistry (ICGC-9)**, that will take place in **Athens, Greece, on 18th – 22nd October 2020**.

The IUPAC International Conferences on Green Chemistry (ICGCs) gather several hundreds of scientists, technologists, and experts from all over the world with the aim to exchange and disseminate new ideas and discoveries, and to promote collaborations within the frame of green chemistry, sustainable development and circular economy.

The ICGC-9 is the ninth of the series of IUPAC conferences on green chemistry, the first having been organized in Germany (2006), followed by Russia (2008), Canada (2010), Brazil (2012), South Africa (2014), Italy (2016), Russia (2017) and Thailand (2018). Information about the previous events can be found below:

<https://iupac.org/event/8th-iupac-international-conference-green-chemistry/>
<https://iupac.org/event/7th-iupac-international-conference-green-chemistry/>
<https://iupac.org/event/6th-international-iupac-conference-on-green-chemistry/>
<http://www.saci.co.za/greenchem2014/index.html>
<http://www.ufscar.br/icgc4/index.html>
https://en.wikipedia.org/wiki/International_Conference_on_Green_Chemistry

The **9th IUPAC International Conference on Green Chemistry** is organized by the Association of Greek Chemists (AGC, <https://www.eex.gr/>) in

collaboration with the IUPAC Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD, https://iupac.org/who-we-are/committees/committee-details/?body_code=041) and the Hellenic Green Chemistry Network. It is endorsed by IUPAC and several other organizations and associations related to Green and Sustainable Chemistry.

The ICGC-9 will cover the following general topics:

- Green Chemistry in Research and Industry
- Green Chemistry in Education and Society
- Green Chemistry in Sustainable Development, Bioeconomy and Circular Economy

Specific topics will include:

- bio-based renewable chemical resources; waste biomass valorization;
- recycle and reuse of solid wastes, e.g. plastics and hazardous wastes;
- green solvents, safe chemicals and industrial processes, pollution prevention and remediation;
- alternative and benign chemical processes (e.g., microwaves, ultrasounds, photochemistry, flow chemistry, etc.);
- energy and atom efficient catalytic processes and sustainable organic synthesis (homogeneous, heterogeneous and bio-catalysis);
- alternative fossil fuels and biofuels, CO₂ valorization;
- bio-inspired (nano)materials, bio-based platform chemicals, monomers and biodegradable polymers,
- green chemistry metrics and life cycle assessment;
- green chemistry education, policy, legislation and communication.

The conference program will comprise of Plenary, Keynote, Oral and Poster presentations, and will include special workshops, e.g. on plastics recycle and reuse, industry dedicated session, etc., presentation of awards and prizes, and attractive social events.

The highlights of the conference will be communicated by IUPAC via its news magazine **Chemistry**

International (<https://www.degruyter.com/view/j/ci?lang=en>), and the proceedings will be published in a Special Issue of IUPAC's official journal, **Pure and Applied**

Chemistry (<https://www.degruyter.com/view/j/pac?lang=en>). A Special Issue in a **high impact journal in the field of Green and Sustainable Chemistry** will be also produced, with selected papers of the conference, following the standard peer-review procedures.

More information regarding the call for abstracts, venue, deadlines, etc. will be soon available via the webpage of the conference (under construction): <http://www.greeniupac2020.org/>

Please mark your calendar **on October 18-22, 2020 for attending the 9th IUPAC International Conference on Green Chemistry.**

We look forward to welcome you in Athens and have a fruitful and enjoyable conference !

With best wishes,

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Chair of the organizing committee

9th IUPAC International Conference on Green Chemistry

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