AI in Chemistry 2024

7th RSC-CICAG / RSC-BMCS Artificial Intelligence in Chemistry

Monday-Wednesday, 16th-18th September

Two-day Symposium with Workshop

Churchill College, Cambridge or Virtual Attendance
Synopsis
Artificial Intelligence is experiencing a renaissance in the development of new methods and practical applications to ongoing challenges in Chemistry. Following the successes of six annual “Artificial Intelligence in Chemistry” meetings starting in 2018, we are pleased to announce that the Chemical Information & Computer Applications Group (CICAG) and Biological & Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry are once again organising a conference to present the current advances in AI and machine learning in Chemistry. The meeting will be held over two and half days and combine aspects of artificial intelligence and deep machine learning methods to applications in chemistry. The programme will now start with a half-day workshop (see below) followed by a 2-day symposium including a mixture of keynote talks, panel discussion, oral presentations, flash presentations, posters and opportunities for open debate, networking and discussion.

Workshop: Monday, 16th September
One of the key pieces of feedback from the previous meetings was the desire for an introduction to AI/ML for Chemistry. For scientists new to the area the acronyms and terminology can be a significant barrier. For those who are already involved in AI/ML the whole scientific field is expanding so rapidly it is becoming impossible to keep abreast with the latest developments and understand the strengths and weaknesses of the various approaches. So, the 2024 meeting will include a half-day workshop prior to the main meeting to provide this introduction. We are delighted to announce that the workshop will be led by Andrea Volkamer and Pat Walters.

Speakers
Workshop:
Pat Walters
Relay Therapeutics, USA
Andrea Volkamer
Saarland University, Germany

Confirmed Speakers:
Francesca Grisoni
Eindhoven University of Technology, Netherlands
John Jumper
Google DeepMind, UK
Emma King-Smith
University of Cambridge, UK
Heather Kulik
Massachusetts Institute of Technology, USA
Alexis Molina
Nostrum Biodiscovery, Spain
Eva Nittinger
AstraZeneca, Sweden
Andrea Volkamer
Saarland University, Germany
Pat Walters
Relay Therapeutics, USA

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Secretariat contact:
Hg3 Conferences
events@hg3.co.uk
+44 (0) 1423 529333

To find out more, visit the website by using the URL or by scanning the QR code here:

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