

# Multiscale Irradiation and Chemistry Driven Processes and Related Technologies

## 1<sup>st</sup> MultiChem Conference 2022

Stadthalle Boppard  
Boppard am Rhein  
Germany  
May 16-18, 2022



**First Announcement**

## Scope

The 1<sup>st</sup> Annual Conference of the [COST Action CA20129 “Multiscale Irradiation and Chemistry Driven Processes and Related Technologies” \(MultiChem 2022\)](#) will take place in Boppard am Rhein, Germany during May 16-18, 2022. The venue will be the Boppard city hall (Stadhalle Boppard).

The conference will bring together experts from different disciplines, such as physics, chemistry, biology, materials science, specialized in the theoretical, multiscale computational modelling and experimental studies of irradiation-driven chemistry processes involving complex molecular systems exposed to radiation.

The scientific sessions will be followed by a Management Committee meeting on May 18 to discuss further activities of the Action.

The following topics will be addressed within the MultiChem 2022 Conference:

- Collision and radiation processes involving nano- and biomolecular systems
- Radiation-induced chemistry
- Irradiation-driven transformations of molecular systems
- Biomedical and technological applications of radiation
- Related technologies: controlled nanofabrication, functionalized materials, nanocatalysis, etc.

## Scientific program

The scientific program for the MultiChem 2022 Conference will consist of interdisciplinary sessions which will include invited lectures, review talks, and progress reports on work carried out within the Action's working groups. PhD students and young investigators are highly encouraged to submit their contributions and participate in the conference. Suggestions about possible candidates for invited speakers should be sent to the Chairpersons of the MultiChem 2022 (see the information below).

The list of confirmed speakers will be distributed with the second announcement.

## Conference Program

Monday, May 16, 2022	Registration Scientific Programme
Tuesday, May 17, 2022	Scientific Programme Conference Dinner
Wednesday, May 18, 2022	Scientific Programme (morning sessions) MultiChem Management Committee meeting (afternoon sessions)

## Important Dates

Distribution of the first announcement	11.03.2022
Distribution of the second announcement	30.04.2022
Deadline for hotel reservation	15.04.2022
Deadline for registration	30.04.2022
Deadline for abstract submission	30.04.2022

## Registration

The online registration procedure will be activated soon on a dedicated conference webpage and announced to all Action members. Please also check the actual information on the webpage <http://mbnresearch.com/ca20129-multichem/conferences>.

## Registration Fee

The registration fee for the MultiChem 2022 Conference is **250 €**. The fee will include access to the conference hall, poster session, coffee breaks, 3 lunches, the book of abstracts, and the conference dinner.

The payment to the order of “MultiChem 2022” should be made **by bank transfer** to

Bank Account Name: MBN Research Center gGmbH  
Bank name: Deutsche Bank  
Branch Address: Hauptstr. 561462 Koenigstein Germany  
IBAN: DE15500700240137588000  
BIC: DEUTDEDBFRA

Please quote your **NAME** and **MultiChem** on the transfer.

If you need an invoice for the payment or want to pay with a credit card, please send a short email to [team@mbnexplorer.com](mailto:team@mbnexplorer.com).

### Conference Venue and Travel Information

The conference will take place in Stadthalle Boppard (Boppard City Hall), Oberstraße 141, 56154 Boppard am Rhein, Germany.

Boppard is a small town located in a unique romantic Rhine Valley region, which has been declared a UNESCO World Heritage Site. There are more than forty castles stretched over an area of 65 kilometers between Koblenz and Bingen along the riverbanks of the Rhine river and the famous Loreley rock, as well as a unique flora and fauna.

Boppard is located approximately 100 kilometers to the north-west from Frankfurt and 120 kilometers to the south from Cologne. You can get to Boppard by train from the Frankfurt Airport (<http://www.frankfurt-airport.com>) or Cologne/Bonn Airport (<http://www.koeln-bonn-airport.de/en.html>), or by car.

#### By train from:

- Frankfurt Airport (located about 100 km from Boppard), with flights to many cities in Europe. From the airport take a direct train (Regional Express, RE2) to Boppard or the S-Bahn (S8) to Mainz Central Station (Mainz Hauptbahnhof) and change there to Boppard. The travel will take approximately 1.5 to 2 hours.
- From Cologne/Bonn Airport take a train to Koblenz and change there to Boppard.

The train schedule and tickets can be found at <http://www.bahn.de>

**By car:** take the exit 41-Boppard from the A61 Highway.

Detailed information on how to reach the conference venue will be circulated close to the arrival date.

### Accommodation

A limited number of rooms has been reserved for conference participants at the Bellevue RheinHotel, Rheinallee 41, 56154 Boppard am Rhein, Germany (<https://www.bellevue-boppard.de/en/>) with a discount price 125€ per person per night. We advise the participants to register for the conference and the hotel at the earliest convenience.

Please book your accommodation directly with the Hotel via e-mail: [info@bellevue-boppard.de](mailto:info@bellevue-boppard.de) and quote “MultiChem”. In case of any problems, please contact the Conference Organizers at [team@mbnexplorer.com](mailto:team@mbnexplorer.com).

Please note that the deadline for hotel reservation is **April 15, 2022**.



### Official Invitation and Visa

Conference participants are advised to check the passport and visa requirements for travel to Germany well in advance. For invitation requests please contact Dr. Alexey Verkhovtsev or Prof. Andrey Solov'yov (MBN Research Center), see the contact information below.

## Sponsors

The conference will be held under the auspices of the following sponsors:

- COST Action CA20129 MultiChem
- MBN Research Center gGmbH

## Reimbursement of the travel expenses

The MultiChem COST Action provides financial support to reimburse participants for their travel expenses. Detailed information about the COST reimbursement rules can be found in the [Annotated Rules for COST Actions](#) (see Section 3.1 “Travel reimbursement rules”, pp. 82-88).

In order to be reimbursed you must receive an official invitation through e-COST indicating that you are eligible for the reimbursement. After the meeting, you will be required to fill in your online travel reimbursement request (OTRR) through the link you will find in the invitation email.

When arranging your travel and accommodation, please consider the following rules (see the Annotated Rules for COST Actions for complete and detailed information):

- Any transport you take in your country (airplane, train, bus, car...) is reimbursed based on the supporting documents provided (tickets for flights, trains and buses; proof of distance for car travel, e.g. by Google maps). Taxi, car rental, fuel and parking expenses are not eligible.
- For the flight ticket: it must be return and economy class ticket from the country of your primary affiliation (as registered in e-COST) to the country of the meeting. Seat reservation, luggage and cancellation insurance are eligible.
- Your stay in Germany should be covered under the Daily Allowance (DA). The DA for Germany is 201€. The DA is intended to cover accommodation, meals and transport in the host country. No receipts will be required.
- The maximum DA rate that can be claimed is calculated according to the actual number of days you attend the meeting (as confirmed by your signature on the official attendance list for each day of the meeting), plus one day, permitting you to arrive on the day before the meeting and/or leave one day after.
- In the travel days, the DA is based on departure and arrival times (see p. 83 of the Annotated Rules for COST Actions).

## Organizing Committee

- Alexey Verkhovtsev (MBN Research Center, Germany) - **Co-Chair**
- Nigel Mason (University of Kent, United Kingdom) - **Co-Chair**
- Andrey Solov'yov (MBN Research Center, Germany) - **Co-Chair**
- Irina Solovyeva (MBN Research Center, Germany)

## Contact information

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Updated information on the MultiChem Conference will be available at <http://www.mbnresearch.com/ca20129-multichem/conferences>

For any inquiries and for abstract submission, please write to [team@mbnexplorer.com](mailto:team@mbnexplorer.com)