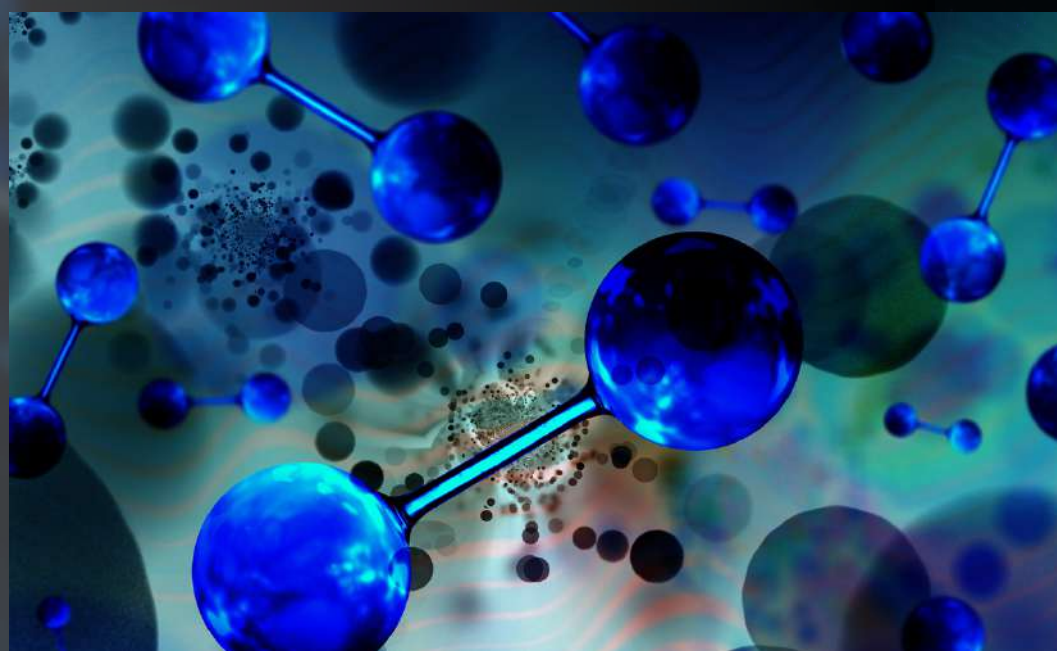


# PIONEERING POLLUTION SOLUTIONS WITH COMPUTERS AND CHEMISTRY



2023 American Chemical Society Global  
Innovation Imperatives (ACS Gii)  
& 2023 The 7th International Conference on  
Computation for Science and Technology  
(ICCST7)

Locally organized by

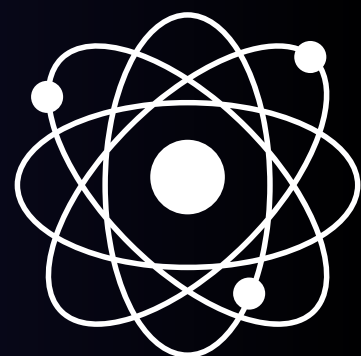


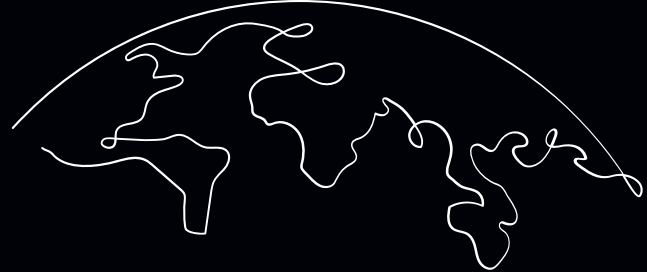
9-10 December 2023

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2023 American Chemical Society Global  
Innovation Imperatives (ACS Gii)  
& 2023 The 7th International Conference on  
Computation for Science and Technology  
(ICCST7)

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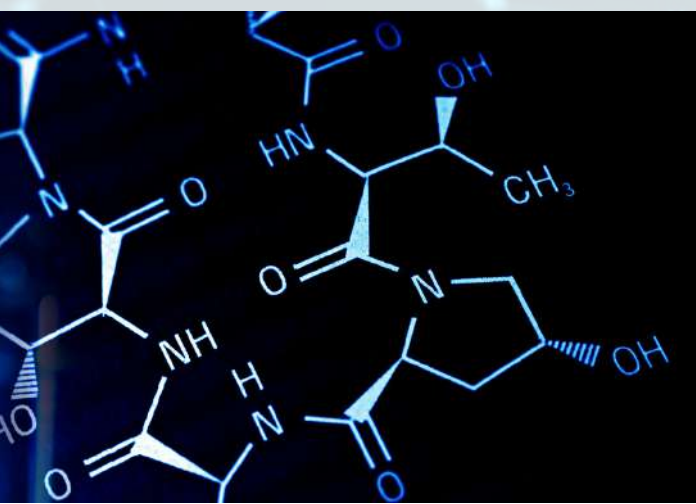
# ABOUT ACS GII WORKSHOP

*2023 American Chemical Society Global Innovation Imperatives (ACS Gii):  
Computers in Chemistry: Addressing Air Pollution Challenges with  
Sustainable Solutions*



The ACS Gii program focuses on solving issues in a targeted community to achieve concrete results. Kuala Lumpur, Malaysia, and its neighboring areas, including Penang, Kedah, and Perlis, are grappling with escalating air pollution issues due to the dry weather and increasing fires.

The scorching heat and haze have significantly impacted these regions, affecting visibility and air quality. According to the Air Pollutant Index (API), certain areas have recorded unhealthy levels. In Balik Pulau, an API reading of 69 was recorded, while George Town registered 78 and Tanjung Bungah reached unhealthy levels at 118. The situation is further exacerbated by the severe transboundary haze reported in neighboring countries such as Myanmar, Thailand, and Laos. The prevailing winds carry the smoke haze from the hotspots towards neighboring ASEAN countries, including Malaysia.





# ABOUT ACS GII WORKSHOP

*2023 American Chemical Society Global Innovation Imperatives (ACS Gii):  
Computers in Chemistry: Addressing Air Pollution Challenges with  
Sustainable Solutions*

The dry weather conditions are expected to persist, with forecasts indicating winds blowing from the northeast. The Mekong sub-region, which comprises Cambodia, Laos, Myanmar, Thailand, and Vietnam, has been experiencing persistent hotspot activities and dense smoke haze for several consecutive days. Although some rainfall is predicted for the Mekong sub-region in the coming months, prolonged dry periods are expected, and the hotspot and smoke haze situation is likely to remain elevated until the traditional dry season ends in May 2023.

These concerning conditions highlight the urgent need to address air pollution challenges in Kuala Lumpur and its neighboring areas. The project "Computers in Chemistry: Addressing Global Air Pollution Challenges with Sustainable Solutions" aims to utilize computational chemistry techniques to tackle the air pollution crisis. By focusing on innovative and sustainable solutions, the project seeks to mitigate pollution levels, protect public health, and promote sustainable development in the region. Through the application of computational models and analysis, the project aims to understand the sources and impacts of air pollution, develop targeted strategies for emission reduction, and optimize pollution control measures.



# ABOUT ICCST7

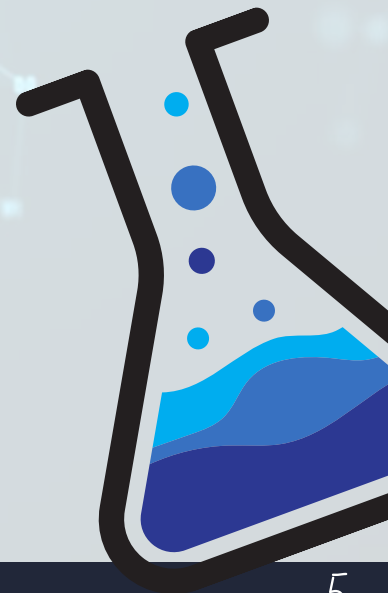
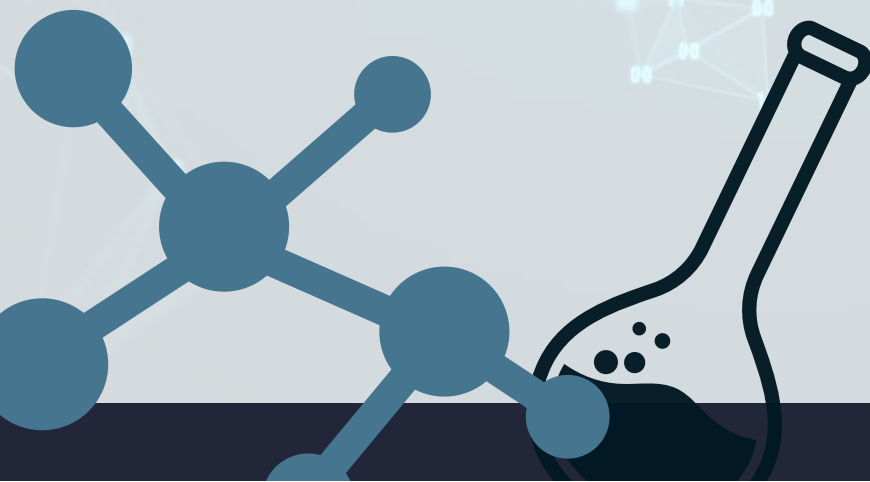
2023 The 7th International Conference on Computation for Science and Technology (the 7th ICCST): Virtually going green: The role of computer science and engineering in reducing pollution and toxicity

Registration: <https://7thiccst2023.com/>



In conjunction with 2023 The 7th International Conference on Computation for Science and Technology (the 7th ICCST). The collaborative efforts among researchers, experts, institutions, and stakeholders are crucial to effectively combat pollution issues and create a cleaner, healthier, and more sustainable future for Kuala Lumpur and its neighbouring areas.

By leveraging the power of computational chemistry and fostering partnerships, the project aims to develop practical solutions and recommendations that can be implemented by policymakers, industry stakeholders, and the community at large. The ultimate goal is to improve air quality, protect public health, and contribute to sustainable development goals in the region.



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# Pre-workshop

8th December 2023  
(Fri)



9.00 am - 4.30 pm

QM  
MD  
ML  
AI

UM CompChem Lab



Social dinner by invitation



8th December 2023  
(Fri)



7.00 pm - 10.30 pm



Registration:  
<https://7thiccst2023.com>

# DETAILED

2023 ACS Cii & ICCST7

Registration:  
<https://7thiccst2023.com/>

Deadline of abstract  
submission

**30 Sept 2023**

AIP proceeding

**30 Oct 2023**

9th & 10th December 2023  
(Sat & Sun)



9.00 am - 5.00 pm

Connexion Conference  
& Event Centre and Komune Living



150 local and international  
researchers and related industry



## OBJECTIVES

The objective of this joint event is to address **air pollution** challenges through sustainable solutions and virtual green technologies by integrating expertise from chemistry, computer science, and engineering. It aims to foster cross-disciplinary collaboration, where experts will share knowledge and leverage the power of computers to develop impactful policies and industry practices for a cleaner, greener future. By exploring the role of computer science and engineering, the event seeks to advance cutting-edge computational methods that can effectively combat air pollution and promote environmental sustainability.



# CONFERENCE FEE

Registration: <https://7thiccst2023.com/>

| Category                        | Price per pax<br>(USD) | Price per pax<br>(RM) |
|---------------------------------|------------------------|-----------------------|
| Academic                        | 250                    | 1,000                 |
| Student                         | 150                    | 700                   |
| Accompanied<br>guest            | 125                    | 600                   |
| Pre-workshop<br>(QM-MD-ML-AI)   | 150                    | 700                   |
| Pre-workshop<br>student package | 275                    | 1,200                 |







# SPONSORSHIP PACKAGE

Your Contributions Truly Value

| A) SUPPORTER PACKAGE  | Platinum Sponsor | Gold Sponsor  | Silver Sponsor  |
|---|------------------|---------------|-----------------|
|   | RM20,000         | RM15,000      | RM10,000        |
|   | Main sponsor     | Key supporter | Support Sponsor |
| 15 mins speaking opportunity in the main plenary                  | ✓                | ✓             | ✓               |
| 1 exhibition booth in central location                            | ✓                | ✓             | ✓               |
| Logo & branding on all promotional material - print & online      | ✓                | ✓             | ✓               |
| Branding on signage inside & outside the conference room          | ✓                | ✗             | ✗               |
| Full exhibitor listing on the official event website              | ✓                | ✓             | ✓               |
| Advertisement in the official event guide (hardcopy / e-book)     | 2 full pages     | 1 full page   | 1 full page     |
| Company profile in the official event guide (hardcopy / e-book)   | 100 words        | 100 words     | 50 words        |
| Company's promotional catalogues / gifts inside the visitor packs | ✓                | ✓             | ✓               |
| Number of Full Delegates passes                                   | 3 pax            | 2 pax         | 2 pax           |
| All day refreshments included breakfast, lunch & drinks           | ✓                | ✓             | ✓               |



# SPONSORSHIP PACKAGE

## Your Contributions Truly Value

*B) Exhibitor Package*

### Exhibitor Package A

**RM 3,500**

- 2 m x 2 m exhibition space (include table & 2 chairs)
- Full exhibitor listing on the official event website
- **Half page advertisement in the official event guide**
- Company logo on conference website

### Exhibitor Package B

**RM 3,000**

- 2 m x 2 m exhibition space (include table & 2 chairs)
- Full exhibitor listing on the official event website
- Company logo on conference website



*C) Award Sponsorship Package*

### Best Poster Presentations (1st, 2nd, 3rd prizes & activities award)

**RM 3,000**

- The opportunity for a senior representative of your company to present the award & to be photographed with the winners and presenter
- Company logo on screen and credits in script during your sponsored category
- Company logo on conference website
- 2 full conference registration



# SPONSORSHIP PACKAGE

Your Contributions Truly Value

*D) Advertisement Package*

## Advertisement Package A

**RM 650**

Advertisement in  
program book

(Full page A4 Colour)

## Advertisement Package B

**RM 450**

Advertisement in  
program book

(Half page A4 Colour)



## Souvenir Package A

**RM 2,000**

Conference Bag  
sponsor

## Souvenir Package B

**RM 1,500**

Conference Souvenir  
sponsor

*E) Souvenir Package*



# REPLY FORM on sponsorship

**BANK DETAILS**  
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Package

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Office  
number

Mobile  
number

Fax  
number

*Payment method:* Online banking / Cheque

Email: compchem@um.edu.my

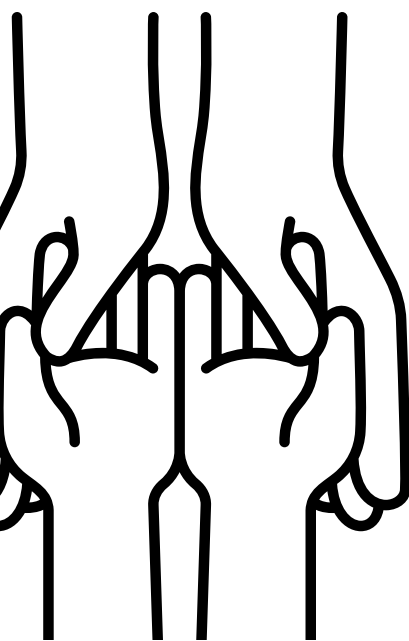
Subject: Sponsorship Company Name

Total

Note  
(if any)

Signature:

Date:



# CONTACT US

for further inquiries



**EVENT MANAGER**  
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Global AI Drug Discovery Center



Locally organized by



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2023 ACS Cii & ICCST



<https://7thiccst2023.com/>

*Pioneering Pollution Solutions with Computers and Chemistry*

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Pioneering Pollution Solutions with  
Computers and Chemistry

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