

Workshop on Health and Safety as it relates to the Chemical Weapons Convention (a working title) to be held at:

27th International Conference on Chemical Education, 15-19 July 2024, Thailand

Workshop Co-ordinator and Presenter:

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The following is a draft outline for a 1-day workshop and times may vary slightly. Others will be involved to help run the day.

Operation of the workshop:

The workshop will use active learning approaches, which means that there will be continuous engagement with participants and many small group-work activities to encourage participants to talk, argue, and clarify issues.

Aim of the workshop:

To introduce participants to the Chemical Weapons Convention and how they can support it through good safety and security measures.

Objectives:

- (i) To explain the Chemical Weapons Convention;
- (ii) To demonstrate how and why safety and security measure by chemists are key to supporting the convention; and
- (iii) To showcase active learning approaches for teaching and understanding.

Plan for the day:

9.00 -10.45 am

Talk on History of the Chemical Weapons Convention and introducing Hague Ethical Guidelines, the importance of choice in what chemists do, and role of safety and security measures. (The session will have many small group activities involving 2 -3 participants)

10.45 – 11.15 am

(Coffee break and get to know one another)

11.15 am – 1.00 pm

Safety and security measures. Participants will be presented with 10 key themes on safety and security, divided into groups on no more than 6 per group, and asked to describe to other group members what they have in place at present under each theme, but what they would consider desirable and how they might achieve this. To ensure all topics are covered groups will only be allocated 5 themes initially, invited to consider these first, and then to discuss the remaining themes if time permits. For example, if there are two groups, Group 1 will have themes 1-5, and Group 2 themes 6-10. Each group will identify a chairperson and

rappporteur for feedback. Once groups have considered all their themes there will be a section of the session where all come together to discuss the themes and describe what is available at their place of work and where they would like to get to. Some way will be devised to capture all the remarks to distribute to participants after the workshop.

1.00-2.00 pm

Lunch

2.00 -3.45 pm

There may need to be some time allocated here to finish the discussion from the previous session.

But the main activity in this session will be around the issues involved in expanding a chemical factory which is sited in a residential area. Participants will be randomly allocated to groups, allocated to one stakeholder likely to be involved in considering this issue and asked to role play. Participants will then be mixed with each having to meet a participant representing every other stakeholder in a group session where they will discuss their position and concerns. Following this they will reconvene in their original group and see how their original position has changed and views modified. The exercise involves a jigsaw procedure. If time permits, groups can be brought together to consider drafting a code-of-conduct for how the factory might proceed.

3.45 -4.15 pm

Afternoon tea

4.15 – 5.00 pm

Continuation of previous session, wrap -up and feedback.

5.00 pm (Workshop concludes)