

SIESO Medal 2021

The SIESO Medal will be awarded annually for the best presentation of a major accident and the process safety learning outcomes.

Aim of competition

To raise awareness of process safety among science, business, and engineering students by:

- encouraging students to read the *Loss Prevention Bulletin (LPB)* and visit the LPB website; and
- obtaining material on process safety created by students for the widest possible technical audience, including students.

Prize

£750 plus up to £250 in travel expenses to award ceremony (attendance optional).

Deadline for entry

Friday 30 July 2021.

Award ceremony

Tbc.

Background

SIESO, a society that **Shared Information and Experience for Safer Operation** is ceasing operations and would like to donate the bulk of its reserves to IChemE to promote process safety.

Minimum submission criteria

- language — English;
- to be written/drawn/recorded/filmed for sharing via the LPB website;
- to be an educational piece aimed at an audience of undergraduate chemical engineering students.

All material to be submitted electronically to medals@icheme.org and include:

1. Entry form;
2. The submission, which should be an LPB style paper accompanied by an additional item in an alternative format, for example:
 - graphic art; and/or

- podcast; and/or
- video; and/or
- other (eg game etc).

Eligibility

Open to all students, including:

- individuals and groups of students (up to six);
- undergraduate and postgraduate;
- full time and part time;
- UK and global;
- chemical Engineering and other subjects.

Judging criteria

Judging will focus on the novelty and inventiveness of the submission, and the use of multiple media. The judging panel will also take into account:

- accuracy;
- quality and appeal;
- engagement and impact;
- suitability for publishing on the LPB website;
- use made of LPB and other process safety publications as reference material;
- teamwork (cross discipline teams encouraged).

Resources

www.icheme.org/lpb/free-sample-issue.aspx

Note that IChemE members have access to the full LPB archive and it would therefore be advantageous to include a Student Member of IChemE in your team. If this is not practical and you would like to access further articles, please contact us to discuss your needs.

www.csb.gov/videos/

<http://psc.tamu.edu/resources/trevors-corner/ici-safety-newsletters>

Definitions

- process safety is a systematic framework for managing the integrity of hazardous processes;
- it uses a blend of engineering, management and leadership skills focused on preventing major accidents; particularly explosions, fires and toxic releases;
- it focuses on three key aspects:
 1. Plant (hardware);
 2. Process (systems);
 3. People.