

SIESO MEDAL 2020

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 — **27 March 2020**

Award – Hazards 30 in Manchester, 18-20 May 2020 (or suitable alternative)

Background

SIESO, a society that **S**hared **I**nformation and **E**xperience for **S**afer **O**peration ceased operations in 2018 and donated 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 via <https://wettransfer.com>

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 (e.g. 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

<http://www.icheme.org/lpb/free-sample-issue.aspx>

Note that undergraduate student members of IChemE have free access to the full LPB archive and it would therefore be advantageous to include an undergraduate 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.

<https://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.

(IChemE)