1ST CSSCI UNDERGRADUATE RESEARCH COMPETITION

The Outreach Committee of the Central States Section of The Combustion Institute (CSSCI) invites you to submit your undergraduate research in combustion to the inaugural CSSCI Undergraduate Student Research Competition. The competition is open to sophomore, junior and senior undergraduate student researchers. ***Please note, you must be a full-time or a part-time undergraduate student at the time of submitting your entry.***

Consider applying if you are working on numerical or experimental, fundamental or applied combustion research topics covered by the 2020 Spring Technical Meeting of the CSSCI including, chemical kinetics, solid and liquid fuel combustion, catalysis, emissions formation from combustion processes, internal combustion engine and gas turbine engine technologies, optical and applied combustion diagnostics, open flames, novel combustion devices, etc.

The top two entries will receive a cash award of $250 and will deliver a presentation at the 2020 Spring Technical Meeting of the CSSCI, May 17–19, 2020, The University of Alabama in Huntsville. Conference registration fees will be waived for one student presenter from each of the winning entries. This meeting is a great opportunity for students considering further education or a career in combustion research to network with future employers. Additionally, as a conference attendee, you will be able to attend technical sessions and network with other researchers engaged in cutting-edge combustion research.

To be considered, please submit the following by the indicated deadlines:

- Short abstract/summary of your work in pdf format (400 words) by **February 21, 2020** to outreach@cssci.org.
- Abstracts will be reviewed by the CSSCI outreach committee and accepted entries will be notified by **February 29, 2020**.
- Each accepted entry will be provided detailed instructions to upload (1) an extended abstract (2 pages with supporting figures and plots, CSSCI paper format in pdf), (2) a technical presentation (10 slides, PPT format) of the research, (3) a three minute educational video[1] (no more than 500 mb) in support of your research by **April 7, 2020** and (4) a one page recommendation letter from the research mentor/advisor clearly outlining the student's individual contribution.
- CSSCI Outreach Committee will review submitted presentation and video and select two winners by **April 17, 2020**. Submissions will be reviewed and scored according to the following metrics:
  (a) technical strength, (b) research novelty, (c) quality of project execution, (d) degree of independent work, (e) presentation and video quality.
- Each of the two winners will be invited to the Spring Technical Meeting of the CSSCI to make a 10 minute presentation after the plenary session on **May 18, 2020.**

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[1] Please include appropriate credits in the video to permit its use for educational and instructional purposes