

SIMIODE Invitation to Host SCUDEM IV

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SIMIODE

A SYSTEMIC INITIATIVE FOR MODELING INVESTIGATIONS
& OPPORTUNITIES WITH DIFFERENTIAL EQUATIONS



Invitation to Host Student Challenge

We invite faculty and schools to serve as local site host coordinators for SCUDEM IV - SIMIODE Challenge Using Differential Equation Modeling on Saturday, 9 November 2019. Complete details about SCUDEM and hosting are available at simiode.org/scudem. There are materials from past events and convincing videos from student participants. Registration for SCUDEM IV 2019 opens 1 September 2019 and there are stipends for hosts, dependent upon the number of schools visiting each local site – basically half the total registrations.

Student teams access online three modeling problems on Friday, 1 November 2019; select one problem to work on at home institution; and prepare an Executive Summary and a 10-minute Presentation are delivered and judged at a local host site of their choice on 9 November 2019.

Local Site Host Coordinator Responsibilities:

- Secure rooms for meetings (about 12 total); 6 with computer projection.
- Determine parking area and contact food service that extra guests will buy their lunch.
- Secure visitor Wi-Fi access for all visitors.
- Promote SCUDEM IV 2019 at local site through curated email lists and outreach materials provided by SIMIODE and self-generated contacts.
- Offer modest arrival refreshments and conduct opening and closing ceremony.
- Keep to schedule during Challenge Saturday or make local adjustments as appropriate.
- Lead two session Faculty Development workshop sessions with scripted materials supplied by SIMIODE. First session engages faculty and students in Modeling Scenario.
- Conduct MathBowl – materials and script completely supplied by SIMIODE.
- Print out registration materials/forms for coach and team – provided by SIMIODE.
- Record scores, challenge results, and award information and send to SIMIODE.
- Prepare all team award certificates – SIMIODE provides forms.
- Accept a check from SIMIODE for half of the registration fees at local site.

SIMIODE will do everything else, including handle all finances, create all materials, promote local site visiting teams, provide emails and materials to recruit locally, and conduct pre- and post-event surveys. This is a great opportunity for your school to host colleagues in your area, to build networks, and to enable student growth in modeling. Please let us know if you are interested in hosting SCUDEM IV 2019 on 9 November 2019 and we shall add your school to our growing list of local host sites. Questions? Contact Director@simiode.org. SIMIODE is a 501(c)3 non-profit organization funded by the National Science Foundation.