NSMMS
NATIONAL SPACE & MISSILE MATERIALS SYMPOSIUM

CRASTE
COMMERCIAL AND GOVERNMENT RESPONSIVE ACCESS TO SPACE TECHNOLOGY EXCHANGE

STUDENT PROGRAM
Tucson, AZ
26 – 29 June 2023

NSMMS & CRASTE are pleased to announce the student program for the 2023 event. Our committees recognize the criticality in engaging and encouraging students in these fields in order to strengthen workforce development across the industry and help usher in a capable new generation of engineers and research scientists who will one day take lead in our Country's space pursuits.

The NSMMS & CRASTE student program is intended to provide an opportunity for students to interact directly with leaders in the space industry and provide educational opportunities regarding the state of the art in the field.

STUDENT PROGRAM FEATURES

1. Student Travel Grants
2. Work-Share Opportunities at the Event
3. Oral & Poster Presentation Opportunities
4. Oral Presentation Cash Awards
5. Poster Presentation Cash Awards
6. Networking Functions
7. Resume & Job Boards (Onsite and Online)
8. Reduced Student Registration Fee

Program Eligibility

Full-time graduate or undergraduate students in an engineering or related program, in good academic standing, are eligible to participate. All participants must:

1. Be U.S. Citizens (born or naturalized) (Required for program elements #1-8 listed above.)

2. Have an active DD2345 (military and government employees are exempt). Students do not need individual DD2345 certifications, but must fall under their university's DD2345. See the security page for more information on this. (Required for program elements #1-8 listed above.)

CASH AWARDS

Best Oral Presentation:
Sponsored by Northrop Grumman
1st Place - $3000
2nd Place - $1500
3rd Place - $500

Best Poster Presentation:
1st Place - $500
2nd Place - $300
3rd Place - $200

3. Must be taking summer courses, or doing research over the summer, or have an endorsement from their advisor verifying they were taking courses prior to summer break and/or are scheduled to resume courses after summer break. (Required for program elements #1 & 3-8 listed above.)

4. Must submit an abstract on their suggested topic (300 words or less). (Required for program elements #1, 3, 4, & 5.)

5. Must submit a personal statement along with their university transcript. (Required for program element #4 if interested in being considered for the $5000 in cash awards for top three oral presentations.)

More information on the program features above can be found on the following pages.

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PROGRAM FEATURE DETAILS

1. Student Travel Grants:
The student travel grant program is funded by the Air Force Research Laboratory's Rocket Lab. Travel grant recipients are required to either give an oral or poster presentation of their research at the event. To be considered for oral presentation, abstracts and applications must be submitted by the abstract deadline. After this date, applicants will only be considered for poster presentations. Grant funds can be applied towards travel and student registration expenses, and generally include funding *up to* $1500. To submit a travel grant application, **click here**. Applicants will be notified of their grant award in mid-late February or within two weeks of application if submitted after February.

2. Work Share Program:
The work share program provides complimentary registration to NSMMS & CRASTE in exchange for working the equivalent of 2 of the 4 days of the conference as either an Audio-Visual Support Assistant in the technical sessions or a Door Guard/Badge Checker. Many work-share participants enjoy the extra interaction with speakers and attendees that this job affords them. We attempt to match volunteer's schedules with the times and days they would like to work. Training will be provided onsite. If you are interested in this opportunity, please contact Amy Voisard at avoisard@blue52productions.com. Student grant recipients can utilize this opportunity to stretch their grant funds further, however you do not have to be a grant recipient or a presenter at the conference to participate in the work-share opportunity.

3. Oral & Poster Presentation Opportunities:
All travel grant and award recipients must present an oral or poster paper at the conference. The Call for Abstracts and abstract submission form can be found here. Abstracts are due **17 January 2023** and abstract submitters will be notified of their status in mid-February. Most oral presentation slots are 25 minutes including time for questions. Poster papers will be co-located in the exhibit hall which is open Monday Evening – Wednesday Evening of the conference.

4 & 5. Cash Awards:
Cash awards are listed on the previous page and will be offered to the top three oral and top three poster presentations. The selection process is detailed on the next page. Oral presentation awards are sponsored by Northrop Grumman.

6. Networking Functions:
In addition to the Monday, Tuesday, and Wednesday evening receptions that involve all attendees, student program participants will also be invited to a student mixer with technical subject matter experts in the industry. More details will be sent to the student participants prior to the conference.

7. Resume & Job Boards:
There is an online job board that students may post their resumes/CVs to and employers may post job openings. Onsite, there will be two job and resume boards available to all attendees. We encourage you to take advantage of this if you will be in the job market soon. Many past student program participants have received job offers through attendance at this event.

8. Reduced Student Registration Fee:
Student program participants may qualify for a reduced registration fee of $375 (early bird) and $450 (after April 10th). You must provide proof that you are a full time undergraduate or graduate student in good academic standing at time of event to be eligible. The Student Registration rate gives you access to all programmed events but does not include a copy of the proceedings. Students who are seeking the student registration rate only and are not participating in any of the other program features listed above, must submit a student verification form in addition to registering. In order to utilize your University DD2345 you must be taking summer courses, or doing research over the summer, or have an endorsement from your advisor verifying you were taking courses prior to summer break and/or are scheduled to resume courses after summer break.

ORAL PRESENTATION AWARDS SELECTION PROCESS

Step 1: Submission of your abstract. In your abstract, please illustrate the novelty of your research. This must be received by January 17th. The abstract should be based on original work you conducted at school and you must be the primary author for the abstract. The work itself could be done in collaboration with your faculty advisor, but no more than two non-student co-authors are allowed. To submit an abstract, click here.

Step 2: Submit a personal statement along with your university transcript. This must be received by January 25th, should be no more than one page, should address how the work/research was initiated, and include your final goal for the work/research, your role in the research, the contributions of your co-authors, and why you feel your work/presentation should be considered for the award. Your personal statement and transcript should be sent to Chelsea Kubal at ckubal@blue52productions.com.

Step 3: The NSMMS & CRASTE Selection Committee will choose up to ten semi-finalists based on an evaluation of the abstract, personal statement, and academic transcript. Each of the 10 finalists will be notified in mid-February and will be required to have their academic advisor submit a letter of recommendation. The letter of recommendation must be 1 page or less.

Step 4: Those that qualify from step 3 will have their live presentation judged by the selection committee at the conference. The final winner(s) will be determined based on their abstract, personal statement, academic transcript, letter of recommendation, and oral presentation. The selection committee will announce the winners at the conclusion of the conference in Track One. The monetary prizes will be mailed out after the conference has concluded. (Please note that First and Second prize winners will be required by the IRS to submit W-9s to the event producer, Blue52 Productions.)

POSTER PRESENTATION AWARDS SELECTION PROCESS

Step 1: Submission of your abstract. In your abstract, please illustrate the novelty of your research. The abstract should be based on work/research you conducted at school and you must be one of the primary authors for the abstract. To submit an abstract, click here.

Step 2: The selection committee will judge the student posters based on content and presentation. Winners will be announced at the Wednesday evening reception. The monetary prizes will be mailed out after the conference has concluded.

Important Dates to Remember
January 17th, 2023: Abstract Due Date (a one week extension may be granted)
April 10th, 2023: Last day for early-bird registration pricing

FOR DETAILS ON THE NSMMS & CRASTE STUDENT PROGRAM, VISIT HTTPS://WWW.USASYMPOSIUM.COM/SPACE/STUDENT.PHP