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## Central Massachusetts Chapter

### **Student Metallography Contest**

Dear MTE/MFE students,

The ASM Central Mass Chapter is now announcing the new student metallographic contests held at each of its monthly meetings. This event will be active starting from the coming February meeting.

To participate, students need to complete the following steps:

1. Sign up for the ASM meeting with Rita Shilansky (WB 244) or online before deadline
2. Email your metallographic picture and a brief description with your name to [metcontest@asm-ma.org](mailto:metcontest@asm-ma.org) (we will prepare your name tag and display board)
3. Show up at the meeting with an A4 (8.5 x 11 in.) print of the picture, as well as a printed out description

Please note that each student can only submit one picture.

One winner will be generated by the end of each meeting, and will receive the following awards:

1. \$25 Dunkin Donuts/VISA gift card
2. Free attendance at the next ASM meeting (\$15 value)
3. An ASM Central Mass chapter certificate

Please see attachments for more participating and judging details.

We hope to see you there!

ASM Central Mass Chapter

02/03/2016

# ASM Central Massachusetts Student Metallography Contest

*The goal of this contest is to promote an enthusiastic nature of our young researchers and innovators and celebrate our participants' contributions to science and engineering.*

## Contest Rules

All entries must meet the following requirements:

1. No more than one entry per individual will be accepted per meeting.
2. All information has to be presented in English.
3. The entry should be an image of a microstructure or an optical, stereo-optical, or electron microscope (SEM or TEM) of something that you have taken yourself. The material can be organic or inorganic and may be a metal, polymer, ceramic, composite, natural, or other.
4. Include a brief description of the metallographic techniques used, the material (s) or alloy, etchant (if any), magnification or scale bar, as such any unusual technical or structural features. Do not include Chemical analysis diagrams, diffraction patterns and other microstructural features that are NOT related to the presentation of an image.
5. Do NOT put your name in the description or anywhere visible during the contest.
6. Images must be BOTH printed and transferred electronically.
7. The maximum acceptable dimensions for the printed versions are the 8.5 x 11 in. (A4) paper dimensions.
8. The name, university/department affiliation, postal address, phone number and email of the participant must be typewritten and placed on the back of the printed image. The contest committee will affix a name and address label on the face of the entry after judging.
9. The ASM chapter would like to keep the entry image for further display. The image and intellectual property remains property of the entrant.
10. A student is defined as: anyone who is still working toward their degree, i.e., Associates Degree, Bachelors Degree, Masters Degree, PhD Degree etc., or equivalent in another country.

## Instructions

You must submit your entry at least 5 days prior to the ASM meeting (usually by the Friday of the week prior to the contest week). You must print your image (can be either black and white or color depending on the nature of the image) as well as the description, and bring them with you to the ASM Central Mass Meeting, on the date of the meeting. You must also e-mail the files to [metcontest@asm-ma.org](mailto:metcontest@asm-ma.org). A display board with pins will be provided to pin your image in the predetermined position with the description attached below.

## **Procedure**

Please, arrive on-time to the pre-determined meeting time, so that we have enough time to prepare all entries. Bring your printed image together with the printed description. You will be assigned an entry number, which will be your entry number. During the meeting a series of all tickets (entry numbers) will be provided to everyone that is eligible to vote. Until the end of the meeting everyone that is eligible to vote should FILL IN and then put the ticket that corresponds to their preference of best micrograph into the poll box that will be provided. The filling procedure of the ticket is described in the "Judging" section. In the end of the meeting the ballots will be counted and the winners will be announced.

## **Judging-Voting**

Each voter must only select ONE entry and drop the corresponding ticket into the poll. The voter is free to judge each micrograph according to their criteria of the best micrograph (e.g. others focus on specimen quality, while others in specimen uniqueness)

## **Voting Character**

The idea is to promote the enthusiastic nature of these young innovators and celebrate with all the participants' choices. Hence, a wide variety of judges will be allowed.

## **Voters**

1. Any ASM member present at the meeting (including members from joint meetings).
2. Any meeting attendee.
3. The participants of the contest may also vote.

## **Statistics recording**

The Winner's name and micrograph, as such all the participants names, will be continuously saved in our website.

## **Prizes**

The winner of the contest will be awarded with an honorary certificate from the ASM Central Mass Board. The winner will also receive a \$25 gift card and a free entry for the next ASM Central Mass Meeting. In addition, all winning images will be uploaded to the Central Massachusetts ASM Chapter Website. If you do NOT want the image to be published, please mention that upon emailing.