

## Merrill A. Scheil Excellence in Metallography Award

Each year, ASM-Milwaukee holds a metallography contest to honor the memory of Merrill A. Scheil. Merrill served with dedication and distinction as President of both the Milwaukee Chapter and the International Society. The contest is meant to demonstrate the high level of professional and technical talent within our chapter through ***the display of the metallurgical skills in metallographic preparation, photomicrography, and microstructural interpretation by the participants.***

### Entry Rules

1. This contest is intended to highlight the use of metallography for microstructural interpretation. It is not intended to be a research poster competition. Therefore, a strong emphasis will be placed on a concise description of results. Content should be focused on a singular issue, analysis or topic.
2. An individual may submit more than one entry provided they are of different content. A co-exhibitor may be listed on entries.
3. Make a careful selection of your best work and be familiar with the system used by the judges in scoring each entry. Too many images or figures can be a distraction. Digitally captured images must depict true structures, which have not been significantly altered from their original appearance.
4. Physical or Digital entries are allowed.
  - A physical poster may be up to 18x24 inch in size in either “portrait” or “landscape” type configurations.
  - A single page PDF or PowerPoint format document file may also be submitted for entry. No animations, sounds or video may be included. A standard aspect ratio of 4:3 will be used for evaluation and display.
5. Provide a title and a **brief** caption. The caption should include the name of the material or alloy, specimen preparation, characterization technique, magnification or scale bar on micrographs, and a **short** description of the purpose and significance of the results. Judges will have a limited and fixed time to read and evaluate the content of each entry.
6. No personal or affiliation identifying information should be displayed on the front of the entry. Your name, affiliation, and contact information should be listed on the back of a hardcopy submission and included with a digital submission.
7. No prior notification is necessary to submit an entry. Physical entries should be delivered by the meeting start time on the announcement. You do not need to be present at the meeting to enter. Electronic submissions can be uploaded via the contest page at [asm-milwaukee.org](http://asm-milwaukee.org) by the close of business on the day prior to the contest meeting. Receipt of all entries is the responsibility of the entrant. ASM-Milwaukee is not responsible for entries not claimed after the contest.

### Judging

1. Originality of the project in relation to characterizing a material or process, solving a problem (20%)
2. Quality and uniqueness of the specimen preparation (20%)
3. Image quality including appropriate size and resolution for viewing (20%)
4. Concise presentation of content and results (20%)
5. Uniqueness of the presentation in an aesthetic and technical sense, manner of titles, and other printed descriptions (20%)

### Awards

Awards and prizes will be given for Best-In-Show, 2nd Place Overall, 3rd Place Overall. Additional awards may be given at the discretion of the Technical Chair. The winning entries will be announced and recognized through the ASM Milwaukee Chapter website and communication. Content from the winning entry will be featured on the ASM Milwaukee website.