ASM International

**Residual Stress Technical Committee (ASM-RSTC)**

**Mike Hill – Committee Chair (Sept. 1, 2021 – Aug. 31, 2022), mrhill@ucdavis.edu**

**James Pineault – Vice Chair, xrdlab@protoxrd.com**

**Beth Snipes – Secretary, Beth.Snipes@tec-materialstesting.com**

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**Notes for ASM-RSTC Meeting Aug 17, 2022**

Attendees: Mike Hill, Ray Fryan, Rajan Bambroo, Dave Furrer,

Gabe Grodzicki, James Pineault, Jeff Bunn, Karen Marken,

Lynn Ferguson, Scott Henry, Beth Snipes, Jason Sicotte, Andrew Payzant,

Tony Yao, Steve Ferdon, Seung-Yub Lee, Foroogh, Eckhard Mueller,

Lesley Frame, John Watton, JP Thomas, Mark Newby, Amanda Brieger,

Mark James, Toshi Suzuki, Jason Scheuring, Iuliana Cernatescu,

Adrian DeWald, Casey Gales, Mohammed Belassel, Al Conle,

Tom Lachtrupp, Philippe Bocher

TODAY:

Election of officers (ballot out by tomorrow)

Note from Dave F: new officer recognition at IMAT  
 Scott H says ASM does plan to recognize TCs

Brief subcommittee reports

Action items

Adjourn

New members today:

* None

Action items for members:

1. New members please fill in roster information form <https://forms.gle/3YwCTEWGz9NtG5nHA>   
   Assume active members have done so
2. Consider advertising the committee when presenting at professional meetings (small or large)  
   **See 1-slide advert for ASM-RSTC in the latest newsletter**
3. Report RS-related society/organization activities to Mike Hill ([mrhill@ucdavis.edu](mailto:mrhill@ucdavis.edu)). RSTC will build a list of other professional organizations we link to (such as specific committees/codes/documents organized under ASTM, ASME, ISO, SAE, SAE/FD&E, ICRS, ECRS, ICSP, AWS, MA2JIC consortium, etc.)
4. Report University RS activities to Joe Rasche via email ([joe.rasche@ansys.com](mailto:joe.rasche@ansys.com))  
   ASM will contribute Poster to North America Materials Science Educators Conference that will cover RSTC and other ASM TCs; capstone projects; student presentations; etc.  
   TCs include RSTC, Process Modeling, Advanced Manufacturing, Materials Data Management  
    RSTC could link with the other ASM TCs  
   Ray Fryan gave a poster to Mat Sci Organization leaders   
    will relay information to RSTC and the other TCs very soon  
    will relay poster to team, too
5. Recruit new members, especially developing engineers and students  
   Beth has provided an intro email that RSTC members can forward to university colleagues and directly to students  
    Jeff B plans to send RSTC student email over to MA2JIC consortium
6. New web page for ASM-RSTC  
   <https://www.asminternational.org/residual-stress-technical-committee>   
   *Thank you Scott Henry and Nicole Hale at ASM!!*  
   Could we help Google find this page in some way?  
   Can ASM push RSTC information to the ASM LinkedIn channel  
    Scott H suggested that the ASM Social team could help  
   RSTC charter was sent out for review by the members  
    One suggestion was to state that the committee is for purposes of developing technology  
    and not for purposes of sales and marketing  
    Mike Hill suggests that we discuss this at the Sept. meeting, with proposed changes to Charter!
7. Suggest presentation topics for future meetings
   1. Student presenters especially welcome; contact James Pineault ([xrdlab@protoxrd.com](mailto:xrdlab@protoxrd.com))
   2. “Back to basics” presentations are very welcome

**Notes captured during meeting**

**Standing Agenda for Residual Stress Committee:**

1. Subcommittee reports
   1. Industry Standards (Dale Ball, Chair, dale.l.ball@lmco.com)

AMS RS Standard (Dale Ball): no update from Dale. Mike will ask for an email update.

* 1. Residual Stress Handbook (Dave Furrer, Chair, [david.furrer@prattwhitney.com](mailto:david.furrer@prattwhitney.com); Karen Marken supporting)

Developed “9 steps to handbook creation”   
 establishing dates to get these steps moving forward  
Will call subcommittee meeting to confirm dates and actively work toward moving project forward

* 1. Newsletter (co-Chairs:   
     Beth Snipes, [Beth.Snipes@tec-materialstesting.com](mailto:Beth.Snipes@tec-materialstesting.com)   
     Ben Wang, [wang.ben@cummins.com](mailto:wang.ben@cummins.com) )

Need a new member or two. Please follow up with Beth if you can help.

Send newsletter items to Ben Wang

Please contribute:

Members in the News (new)

Did you know? or Trivia items (new)

Your ideas for new features  
 Describe student progress or items

James Pineault to be featured in next letter, as rising Chair

Handbook divisions will be covered in subsequent issues. Dave F. will work with us to get these divisions covered in the newsletter.

* 1. Education and Chapter Outreach (Jeff Bunn, Chair, [bunnjr@ornl.gov](mailto:bunnjr@ornl.gov))

Members: Bunn, Hill, Ben Salah, Snipes, Sicotte, Styger, Furrer, Belassel

**Residual Stress 101** given at SEM Annual Meeting, Pittsburgh, June 12, 2022

**Stress Analysis Workshop at DXC 2022** (Tom Watkins, Jeff Bunn, Cev Noyan), 1-5 Aug 2022 in Washington, DC, Jeff Bunn advertised RSTC at this meeting.

**Workshop at AeroMat 2023, Fort Worth, TX, March 14-16**   
 Workshop on 12 or 13 March, potentially and TBD   
 Jeff organizing proposal for AeroMat consideration

Dave F suggests visiting UNT (Vijay V)

* 1. Professional Meetings. Conferences, Symposia (Lesley Frame, Chair)

See list in newsletter.

Members: please volunteer to develop sessions for conferences you relate to and inform Lesley. Rajan Bhambroo has volunteered to help Lesley on this subcommittee. Thank you Rajan!

DXC 2022 program is available here:   
 <https://www.dxcicdd.com/assets/2022/2022-DXC-Program.pdf>

Creep related meeting in 2023  
 <https://engineering.purdue.edu/MSE/CREEP/CREEP2023>

ECRS-11, Prague, Sep 9-13, 2024

AeroMat 2023, Ft Worth, TX, March 14-16, Abstracts due Sep 30, 2022  
 <https://www.asminternational.org/web/aeromat-2023>

ICF-15 in Atlanta, June 2023, Residual Stress Symposium   
 Abstracts due Oct 1, 2022

IMAT meeting in Sept 2022,

Potential for f2f meeting?  
 informal “stress relief” meeting, beverage optional

Technical Committee Summit at IMAT on Sunday night, 5pm, dinner provided

Per Scott Henry, ASM will have a meeting of Technical Committees on Sunday prior to the IMAT conference.  
Please let Scott H know if you’d like to attend the TC Summit

Related Panel session on Tuesday featuring Dave F and Bill F

ICRS proposal for USA meeting in 2025

Contact Andrew Payzant [payzanta@ornl.gov](mailto:payzanta@ornl.gov) or Mike Prime [prime@lanl.gov](mailto:prime@lanl.gov)

ASM-RSTC is interested to link up with ICRS

Rajan B suggests putting the conference list on the RSTC webpage!

* 1. University Outreach (**TBD, Chair**)

Call from Joe Rasche on what academic labs are active in RS work

1. New business (topics and/or activities)

We are taking nominations for RSTC Secretary. Service will start Sept. 1, 2022. Please submit nominations, including self-nominations, to Beth Snipes, beth.snipes@tec-usa.com

Several members have suggested we add a section to our charter emphasizing that we are a technical, not commercial, committee. ASM is the only entity allowed to advertise. TCs must support technical aspects with no commercial activities.

1. Technical topic

None today

1. Committee Logistics
   1. Add a subcommittee?
      1. Articulation with Other Professional Groups  
         Need to discuss at a future meeting

NOTE:

Next meeting will be Aug 17.

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Screen shot below taken during the ASM-RSTC meeting on Jul 20, 2022

Graphical user interface, application, Teams

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