

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.**

TC9.3 Agenda

June 21, 2021
Online Everywhere

Committee	Day	Date	Start	End	Room	Location
TC 9.3 Research Subcommittee	Tuesday	6/22/2021	10:00 AM	11:30 AM	Your own	online
TC 9.3 Transportation Air Conditioning Main Committee	Monday	6/21/2021	8:00AM	9:00 AM	Your own	online

The Participant Web Meeting links are as follows **(TO BE UPDATED)**:

TC 9.03 Research	Link to join: : https://ashrae-org.zoom.us/j/95341720599?pwd=Q1NFaIF3T3UxSHVsZElwemwvQn
TC 9.03 t Main Committee with Standards, Marine	Link to join: https://ashrae-org.zoom.us/j/99460173610?pwd=SEs1eHdOd0Y3ejVXQVdEN2NLNXF

Agenda

9:00 Call to Order & Establishment of Quorum; Online

a. Introductions

GD Mather (VM)

Rene Beaulieu (VM)

Daniel Tandoi (Guest)

Aaron McFarlane (VM)

Andreas Bezold (CM)
Florian Mayer (Guest)
Jim Bushnell (CM)
Kirk Stilfe (Guest)
Richard Fox (CM)
Byron Jones (CM)
Stephen Trent (CM)
Stephanie Licht (CM)
Troy Winters (Guest)
Lubos Forejt (VM)
Don Leblanc (VM)
Thaddeus Rogowski (VM)
Judith Anderson (CM)

b. Roster Update

a. ID voting member roll-off after 2021 Summer Meeting

Rene Beaulieu
Aaron McFarlane
David Bechtold
Thaddeus Rogowski
Ben Thiesse
Ken Warren
Eugene Dianetti
Scott Gwilliam
Catherine Thibault

b. ID voting member additions

Jim Bushnell
Richard Fox
Stephen Trent
Byron Jones
Andreas Bezold

c. Review committee positions (new/continuing)

Don to continue as Chair- Thad is not interested in becoming chair
Stephen Trent to move to Vice Chair
Lubos Forejt to move to Secretary
Rene to continue Research
G.D. to continue Auto
Lubos is currently Programs and Standards- will look for a new program chair (arm twisting offline)
Stephen Trent will continue Handbook
Kevin Glover to continue Ships

Guests looking to join the committee please apply here:
https://eweb.ashrae.org/eweb/TS_ProvisionalSignup.html

9:30 Old Business

Approval of Minutes from Winter Virtual Meeting
With Quorum (6/0/0/0)

9:45 New Business

a. Research- Andreas Bezold (If available, Research subcommittee is Tuesday)

1. Cognit Air update

Final Report submitted

Presented results on study in January meeting

Final Report uploaded in Mid May

Writing publication to be published in ASHRAE journal

2. RP 1830 update

Presentation in research committee (6/22)

Conducted series of experiments at AAL in Nov.

Separate set of experiments in March (@KSU)-

Third set of experiments week of 6/21-consistant results to APU

3. Mass Transit RTAR?

Delayed due to COVID, even with COVID- still value to continue, more details to come

b. Subcommittee Reports and Handbook Chapter Approval Status

1. Automobile & Chapter 11 -GD Mathur

G.D Presenting: This is now chapter 11. Review is being started.

Asking for participant responses by end of July

New refrigerants being investigated in tandem with SAE committee

Updates are intended for end of year

Need feedback from members

Handbook Chapter is Due 7/5/2022

2. Mass Transit & Chapter 12-Rene Beaulieu

Rene presenting: Being reviewed through GPC 23,

Met last week, inline with target

Fresh reminder last week

Handbook Chapter is Due 7/12/2022

3. Aviation & Chapter 13– Stephen Trent

A group effort will be taken by Stephen Trent, Richard Fox, Lubos Forejt, Andreas Bezold, Ken Warren, Stephanie Licht, Judith Anderson intended to assist with additions to chapter 12 incorporating RP 957, RP 959, RP 1262. The document is not intended to be rewritten, merely added to.

Stephen to Schedule meetings in short order.

Handbook Chapter Due 7/12/2022

4. Ship & Chapter 14-Kevin Glover

Kevin isn't present for an update. Augusto potentially able to help? Don to investigate.

c. Program Report- Lubos Forejt (15 min)

Met on Tuesday 6/15.

Winter Meeting- Seminar chaired by Judy- on mass transit infectious disease countermeasures

Summer Meeting- Conf Paper Session on 6/30- some links to Aircraft & Subway

2 Potential topics for Winter- GPC 23 Thad is taking charge of organizing- topic on key points of GPC 23-application of HVAC equipment for mass transit

Publication on RP1830- 1 or more conference papers in addition to mandated journal- not a whole lot of thought on this yet, in pipeline
Deadlines:

Las Vegas: Most deadlines past

June 18- Website opens for paper proposals- Closes August 2

Dates and Scope for Annual meeting to be out later

IAQ 2020-moved to 2022

d. Standards Report

a. Aircraft-SSPC161- Catherine Thibaud/Stephen Trent

G28 Being Published- Addendum D completed

COVID topics to be added to Handbook.

b. Mass Transit-GPC 23- Rene Beaulieu

Looking for new vice-chair

2 new VMs to be added in July

6 sections total, 1 complete

Goal is to complete review of all sections next meeting, have received comments, and agree on those to be implemented

Target for next release: End of 2025- new issued release

c. Ship-Standard 26- Kevin Glover

Kevin not present

e. Next Meeting Date and Location

- a. Winter January 29 to February 2, 2022, Maybe from home again or Las Vegas

11:00 Adjournment-

Rene proposed, Thad 2nded, vote to adjourn unanimous.