

# 2020 ASME Section III Division 5 Virtual Workshop on High Temperature Reactors



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## What you will learn about ...

- What advanced reactor developers need to know about the High Temperature Reactor design rules
- How the High Temperature Reactor rules differ from Section III, Division 1 rules for design
- How to design reactor components with modern analysis tools and follow code rules
- How to introduce new high temperature materials into the code

## Opportunities for collaboration ...

- Learn from other reactor designers who have an opportunity to give an overview of their technologies
- Discuss possible improvements and additions to the code that are necessary for advanced reactor designs
- Learn how reactor vendors can get involved to influence code rule development

## New Times for ZOOM

- Day 1: Sunday, November 8, 2020, 10:00 AM – 3:30 PM, Eastern  
[Register for Day 1 HERE](#)
- Day 2: Monday, November 9, 2020, 10:00 AM – 3:00 PM, Eastern  
[Register for Day 2 HERE](#)

For further information, contact: Sam Sham ([ssham@anl.gov](mailto:ssham@anl.gov)), Mike Cohen ([micochen@terrapower.com](mailto:micochen@terrapower.com)), or Bob Keating ([rkeating@mpr.com](mailto:rkeating@mpr.com)).

2019

ASME Boiler and  
Pressure Vessel Code  
An International CodeDivision 5  
High Temperature ReactorsSection III Division 5  
Virtual Workshop  
Draft Agenda

Time (Eastern)	Event	Presenter
<b><u>Day 1: Sunday, November 8, 2020</u></b>		
9:45-10:00 AM	Participants to Connect to Zoom	
10:00-10:15 AM	Welcome and Opening Remarks	Bryan Erler
10:15 AM-12:00 PM	Session 1: Reactor Developer Presentations	Note 1
12:00-12:30 PM	Session 2: Reactor Developers Q&A	
12:30-1:00 PM	Lunch Break	
1:00-3:00 PM	Session 3: Reactor Developer Presentations	Note 1
3:00-3:30 PM	Session 4: Reactor Developers Q&A	
<b><u>Day 2: Monday, November 9, 2020</u></b>		
10:00-10:10 AM	Welcome and Introduction	Michael Cohen
10:10-10:35 AM	Division 5 Overview	Sam Sham
10:35-11:00 AM	Division 5 Gap Analysis Reports	Robert Jetter
11:00-11:20 AM	Regulatory Guidance – US Nuclear Regulatory Commission	Andrew Yeshnik
11:20-11:40 AM	Regulatory Guidance – Canadian Nuclear Safety Commission	Xuejun Wei
11:40 AM-12:00 PM	Section XI-2: Reliability and Integrity Management	Vinod Chugh
12:00-12:30 PM	Lunch Break	
12:30-12:50 PM	Design Methods for Metallic Components	Mark Messner
12:50-1:10 PM	Materials (Metallic)	Richard Wright
1:10-1:35 PM	Design & Materials - Nonmetallic	William Windes
1:35-2:00 PM	High Temperature Pump Examples	Rob Fleming
2:00-2:20 PM	Industry Perspective - High Temperature Reactors	EPRI
2:20-3:00 PM	ASME and Advanced Reactor Developers Interaction	Michael Cohen

Note 1: Advanced Reactor Developers (confirmed as of 10/6/20)

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