

Meeting Notice

Monday, 22 March 2021

Gas Turbine Technical Chapter (GTTC) Meetings/Events for 2021-2022 Program Year:

- 22 Mar 21: Gas Turbine Waste Heat Recovery: Circular Heat Recovery Units, Mark Wickham, Helical Energy
(2021 - 2022 GTTC Officer Nominations) – Note, This is a lunch time meeting!!!!
- 3 May 21: Gas Turbine Spare Parts, Norman Alton/Ethos Energy, Lorin Shirdon/Chart Industries
(2021 - 2022 GTTC Officer Elections)
- 24 May 21: GTTC Board Meeting and Planning Session

Other Events:

Apollo Technical Subsection Meetings/Events for 2020 – 2021 Program Year:

- 12 May 21: Titan Pumps, Edison Lamsal

Meeting Notice - ASME Gas Turbine Technical Chapter

The Houston area ASME-International Gas Turbine Technical Chapter is dedicated to the design, manufacture, operation, maintenance and business of gas turbine based technologies. Every individual and organization with an interest in this technology is encouraged to participate (ASME membership is not required, but encouraged). In person meetings are generally from 6 PM to 9 PM with virtual meetings varying. We welcome everyone. Come as you are, we are a NOMEX/FRC/Zoom friendly organization!

Date: Monday, 22 March 2021 **– Note, This is a lunch time meeting!!!!**

Program: Circular Waste Heat Recovery Systems

Speaker(s): **Mark Wickham**, Managing Director
Helical Energy
mark.wickham@helical.energy,

Local Contact: Andrew Cummins
James Resources
Andrew.Cummins@jamesresources.com
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Location: On-Line Virtual Meeting

Reservations: (the actual meeting link will be provided in the RSVP process, this is not the meeting link)

RSVP Link: <https://us02web.zoom.us/meeting/register/tZMudOqgpz8tHtCqkK3cQnLa9AhYkuRAmIk4>

– Note, This is a lunch time meeting!!!!

Meeting Summary:

Helical Energy will discuss the following items, but not limited to:

- Circular Waste Heat Recovery Units (for steam generation, process heating and recuperation)
- Applications and Comparison to Traditional Rectangular Designs
- Case Studies / Experience
- Technology Outlook

Meeting Agenda:

11:30 AM Networking
11:45 AM Business & Announcements – No breakouts are planned for this meeting
12:00 PM Presentation
1:15 PM Adjourn





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ASME South Texas Section
Gas Turbine Technical Chapter
Houston, Texas, U.S.A.
www.asmeqtcc.org

Speaker's Biography:

Mark is an ex ALSTOM Managing Director, responsible for developing new heat recovery solutions for gas turbine exhausts. During his tenure at ALSTOM and since then, he has developed patents for three different types of circular gas turbine heat recovery designs, each time making significant improvements. At ALSTOM, he led a team of 24 which resulted in more than 80 circular installations of the first design, mostly offshore. After leaving ALSTOM more than 15 years ago, Mark has continued developing the circular technology within various enterprises resulting in an additional 70 units being installed worldwide. The latest version by HELICAL Energy provides a step change in key areas such as cost, size, weight and delivery time, and is ideally suited to sub 50MW Gas Turbines. A major factor in the development of the circular concept was to provide a solution that largely eliminated high risk site work, focusing on delivering a finished and tested product to site that could be installed in a day. Mark has two children, one of whom works within the business and his passions away from work are sailing and game fishing.

Meeting Cost: There is no cost for this meeting

Questions? asme.secretary.tx@gmail.com

Directions/ Log-On Instructions:

Note – Zoom meeting link to be provided in RSVP confirmation

- Note: Please make sure you **log on with your microphone muted** and do not have background noise that will interfere with the meeting conversations, we will also have **individual video feeds off outside the breakouts**.

Meeting Notices – Reminder!: We have deactivated the old Google group as of 1 January 2021 and you will only receive the e-mails from the Traffic Wave system you must opt in to or through your ASME national registration.

Traffic Wave Sign-up (please feel free to forward as much as you like): <https://lcp.trwv.net/lcp/asmestats/asmegtcc>

Gas Turbine Technical Chapter Officers 2020 - 2021:

Chair: Lorin Shirton/Chart Industries
Vice Chair: Jeff Mountain/University of Houston – Clear Lake
Treasurer: Chike Onuigbo/Solar Turbines
Secretary: Ellen Gillespie
Programs: Richard Sessions/Jereh – North American Group
Member at Large: Gautam Chibber/Siemens

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Past Chairs:

Bhavesh Ayer, Siemens
Jason Hampton, NRG Services, 830-992-1334
Bill Hoffman, S&B Engineers and Constructors

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Websites:

ASME GTTC: https://community.asme.org/south_texas_gas_turbine/groupannouncements.aspx
ASME Apollo: https://community.asme.org/apollo_subsection/groupleadership.aspx
ASME South Texas: https://community.asme.org/south_texas_section/groupmembers.aspx
ASME South Texas LinkedIn: [ASME South Texas Section | Groups | LinkedIn](https://www.linkedin.com/groups/ASME-South-Texas-Section-Groups-LinkedIn)
ASME North American Regions: <https://www.facebook.com/groups/asmenorthamericanregions>
ASME Calendar of Events: <https://www.asme.org/conferences-events/events>
ASME International: www.asme.org

Please forward this meeting invitation to any interested parties!