

Meeting Notice

Monday, 25 January 2021

Houston, Texas, U.S.A.

ASME South Texas Section
Gas Turbine Technical Chapter
Apollo Technical Subsection

ASME Joint Meeting - Apollo & 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 Zoom friendly organization!

Date: Monday, 25 January 2021

Program: Marine Gas Turbine Propulsion and Power Generation

Speaker(s): Lorin Shiridon/Chart Industries
Harley Ross/Relevant Power Solutions

Location: Free Zoom Meeting Online

Reservations: Zoom RSVP Link:

<https://us02web.zoom.us/meeting/register/tZcpc-mvrDlpGded2h2C-NXJK8nn3sysRWzC>

Meeting Summary:

- *Applications of LM2500's and Allison Gas Turbines*
- *History of Installations on Military and Civilian Ship*
- Drive Systems for Propulsion including controllable reversible pitch propellers
- Control systems and Power

Meeting Agenda:

6:00 PM Sign-In and Networking – Break-Out Groups in Zoom
6:30 PM Business & Announcements
6:45 PM Presentation
8:00 PM Adjourn

Speakers' Biography:

Lorin Shiridon: Lorin Shiridon is a senior turbine / compressor mechanical engineer at Chart Industries, a leading global gas to liquids company. He spent 6 years as a Gas turbine Technician (E-6) in the US Navy on board DD-979 Conolly a Spruance Class Destroyer managing LM2500's, Allison 501-K17 turbines as well as the entire engineering section, numerous years with GE 7FA/EA engineering, and Duke Energy/Fluor in EPC Project Engineering. One of his career highlights was a 3-year Cogeneration project in SE Houston (South Houston Green Power) using GEX-7FA's. Lorin also developed solutions with HP Steam turbines and boilers up to 2400 psig. Lorin and his wife celebrate 26 years of marriage with three young adults, Ages 24, 21 and 20, all in local universities. He graduated from Wright State University, near Wright Patterson AFB, Dayton Ohio with a BSME.

Harley Ross: Mr. Ross obtained his B.S. in Mechanical Engineering in 1980 from The University of Texas. He went to work for Stewart & Stevenson Services designing diesel power generator packages. S&S started packaging GE LM2500 gas turbines in the early 1980s and Mr. Ross was part of the S&S Gas Turbine Products Division that moved to Jacintoport in 1986. S&S built LM2500, LM5000, LM6000 and LMS100 packages using the GE aeroderivative engines. S&S also packaged Garrett, Allison and EGT gas turbines. Mr. Ross was Manager of Mechanical Engineering during the design of the first LM6000 packages. Mr. Ross worked on several teams while at GE (purchased S&S in 1998) and S&S, including the Marine Team building turbine generators for the cruise ship industry, the Hungary Team that established a manufacturing plant near Budapest and the FETT testing of the LMS100 at Jport. Mr. Ross was a Chief Consulting Engineer for GE Aero from May 2002 until January 2018. He is a Professional Engineer in the State of Texas since 1986, member of API 616 Task Force, recipient of 9 patents and a GE Edison Award in 2009. He is now Vice President of Engineering for Relevant Power Solutions building the SGT-A45 mobile generator package for Siemens.





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- Meeting Cost:** There is no cost for this meeting.
- Questions:** Contact asme.secretary.tx@gmail.com
- Directions/ Log-On Instructions:** Zoom meeting link will be provided in RSVP confirmation
- Sign Up for GTTC Meeting Notices:** <https://lcp.trvv.net/lcp/asme/stats/asmegttc>
- Sign Up for Apollo Meeting Notices:** <https://lcp.trvv.net/lcp/asme/stats/asmestats>

Gas Turbine Technical Chapter (GTTC) Meetings/Events for 2020-2021 Program Year:

- Mar 21: Gas Turbine Waste Heat Recovery Technologies: Circular Recovery Units, Mark Wickham, Helical Energy
(2021 - 2022 GTTC Officer Nominations)
- 3 May 21: Gas Turbine Spare Parts, Norman Alton/Ethos Energy, Lorin Shirdon/Chart Industries
(2021 - 2022 GTTC Officer Elections)
- 07 Jun 21: GTTC Board Meeting and Planning Session
- 15 July 21: Joint Meeting of ASME / AIAA / IEEE

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

- 10 Mar 21: Mitsubishi Heavy Industries Compressor, Michael McCurry, La Porte, TX
- 12 May 21: Titan Pumps, Edison Lamsal
- 15 July 21: Joint Meeting of ASME / AIAA / IEEE

Gas Turbine Technical Chapter Officers 2020 - 2021:

- | | | |
|------------------|--|--|
| Chair: | Lorin Shirdon/Chart Industries | jdlsn@bellsouth.net |
| Vice Chair: | Jeff Mountain/University of Houston – Clear Lake | mountain@uhcl.edu |
| Treasurer: | Chike Onuigbo/Solar Turbines | onuigbo_chike@solar-turbines.com |
| Secretary: | Ellen Gillespie | EllenGillespie@asme.org |
| Programs: | Richard Sessions/Available Mechanical Engineer | rtsessions@earthlink.net |
| Member at Large: | Gautam Chibber/Siemens | gbc77@hotmail.com |

Apollo Technical Subsection Officers 2020 - 2021:

- | | | |
|------------------|--------------------------------|--|
| Chair: | Mark Crawford/Shell Retired | texasmustang1969@gmail.com |
| Vice Chair: | Lorin Shirdon/Chart Industries | jdlsn@bellsouth.net |
| Treasurer: | Joe Moreno/Flex Element | joe.moreno@flexelement.com |
| Secretary: | Ellen Gillespie | EllenGillespie@asme.org |
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| Member at Large: | Gautam Chibber/Siemens | gbc77@hotmail.com |

Websites:

- ASME GTTC: https://community.asme.org/south_texas_gas_turbine/group/announcements.aspx
- ASME Apollo: https://community.asme.org/apollo_subsection/group/leadership.aspx
- ASME South Texas: https://community.asme.org/south_texas_section/group/members.aspx
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- 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!