



From the Chairman's Desk

I am happy to report to you on behalf of the MFPT technical planning committee (Focus Group Chairs and others on the Board of Directors) that everything is coming together nicely for MFPT 2019 which will be held May 13-16 at the Crowne Plaza Hotel in Philadelphia - King of Prussia, PA. We have received, reviewed and accepted over 70 abstracts for papers and presentations. This year's meeting will be a first for us in several ways. This is the first time we've collaborated with the Vibration Institute on a joint meeting. It's the first time we've worked in partnership with Texas A&M's Turbomachinery Laboratory and the Hydraulic Institute to bring their high quality technical professional training to MFPT attendees. I want to publicly thank MFPT past president, Bill Marscher, and our Executive Director, Amy Wynn, for working with the participation of these organizations in our meeting.

The technical sessions planning is completed. We've lined up featured presenters, scheduled several 90 minute tutorials and have arranged a special nearly day-long track devoted exclusively to Lube Oil Condition Monitoring. The technical aspects of the meeting from the training, the presentations, papers and tutorials are all planned to support the meeting theme, **"Where Theory Meets Practice"** in an effort to bridge R&D with practical applications and problem solutions. We will hear about the US Navy's work applying Artificial Intelligence (AI) and digital twins to provide very real-world maintenance solutions for the Fleet. There is a strong technical track on AI / Machine Learning and Data Management which I think will be of a great deal of interest to all. There will be a session on electrical equipment monitoring chaired by Jason Farmer of Huntingdon Ingalls who will discuss the development efforts by the National Shipbuilding Research Program to advance CBM for shipboard electrical equipment. The sensors track will address issues with accelerometer designs and application of MEMS devices. There are several sessions and a tutorial planned on new developments and practical applications of signal analysis and diagnostics with a lot of focus on bearing and gear fault detection and diagnostics.

This year, in addition to the Exhibitor's Reception we've brought back the Exhibitor's Presentations Session on Tuesday afternoon. In this session each exhibitor will have an opportunity to give a presentation on their offerings and invite attendees to visit their booth for more information.

You don't want to miss MFPT 2019 and I hope you will join us in Philadelphia. When you are there please let me know your thoughts about MFPT and how we are doing to meet your technical and networking needs. I always welcome your comments, suggestions and even criticisms so that we can make MFPT more relevant for all attendees. See you in Philadelphia

-Chris Nemarich
Chair, MFPT
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