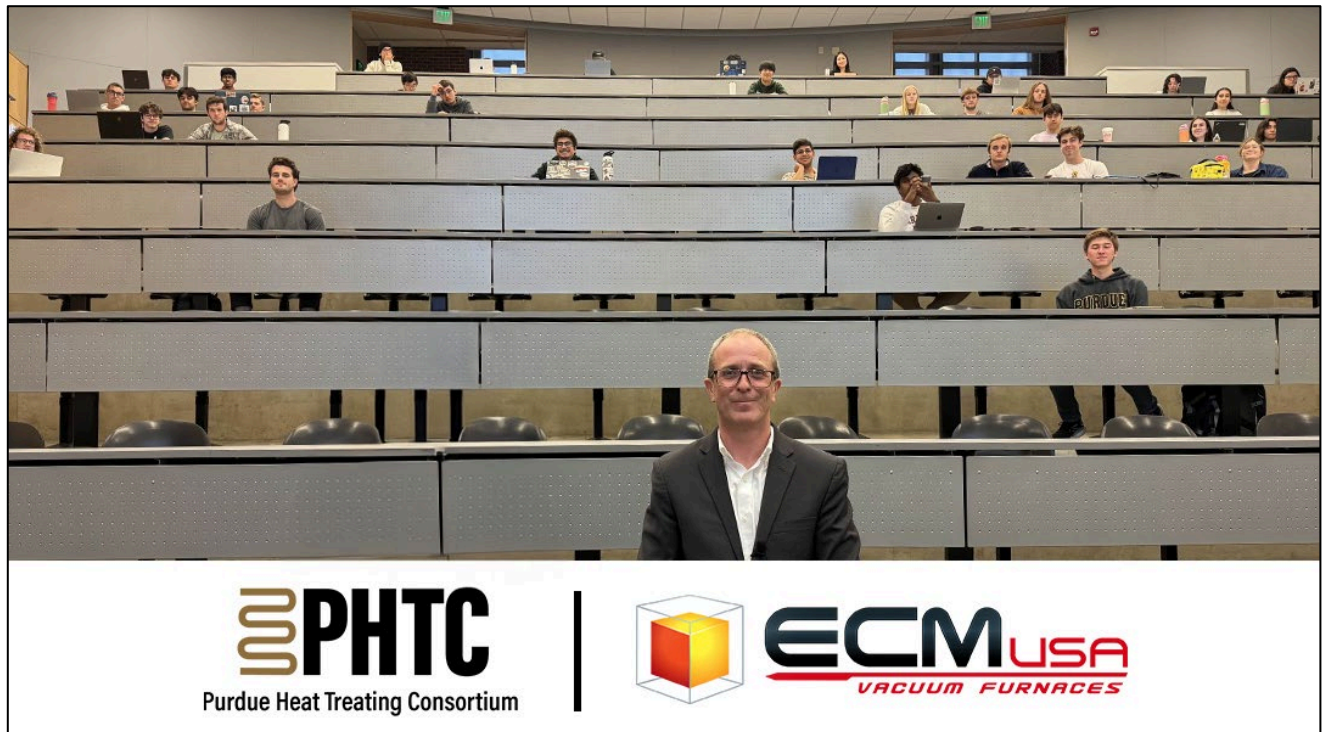




CONTACT Allison D'Angelo
COMPANY ECM USA
PHONE 262-764-3492
EMAIL ad@ecm-usa.com

For Immediate Release

ECM USA's Vincent Lelong Presents Low Pressure Carburizing at Purdue Heat Treatment Consortium (PHTC) MSE 390 Seminar



Pleasant Prairie, WI – November 14, 2024 On November 7th, ECM USA's Vincent Lelong presented low pressure carburizing with vacuum furnace technology at Purdue University's School of Materials Engineering undergraduate seminar. This seminar regularly features industry speakers, some of whom are members of the Purdue Heat Treating Consortium. Dedicated to advancing the science and technology of industrial metal treating through cutting-edge research and collaboration with industrial professionals, this program aims to address real-world challenges and educate at all levels. Current and previous graduate projects involve contact fatigue properties, predicting residual stresses, and quantifying environmental properties. In his presentation, Vincent Lelong, ECM USA Synergy Center Manager, delved into the operating parameters and benefits of low pressure vacuum carburizing (LPC). These details included test programs and the influence of high pressure gas quench (HPGQ) testing done in the ECM USA Synergy Center located in Pleasant Prairie Wisconsin.

Purdue Heat Treating Consortium: <https://engineering.purdue.edu/MSE/PHTC>

ECM USA vacuum furnace technology: www.ecm-usa.com | www.ecm-furnaces.com