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## ***PRE-MEETING SHORT COURSE #2***

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### **NUCLEAR MAGNETIC RESONANCE (NMR) WIRELINE LOGS**

**DATE:** September 12<sup>th</sup> (1 day, 8:00 a.m - 4:00 p.m.)

**INSTRUCTOR:** *Huge Daigle*  
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**DESCRIPTION:** Nuclear magnetic resonance (NMR) is a widely used and extremely useful technique for downhole formation evaluation and laboratory sample characterization. This course will cover the fundamentals of NMR measurements in the borehole and laboratory, including data acquisition and processing; routine interpretation for physical properties including porosity, pore size distribution, and capillary pressure; advanced interpretation for unconventional resources including wettability and fluid content; and specialized techniques including diffusion measurements and T1-T2 and T2-diffusion maps.

**PARTICIPANT LIMIT:** 20

**COST:** TBD