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Flow and Transport Properties of Unconventional Reservoirs 2018

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Deadline for manuscript submissions:
closed (31 December 2018)

Message from the Guest Editors

Unconventional reservoirs have received a great deal of attention in recent years. A better understanding of the nano- and micro-scale structures of these reservoir rocks, and their transport properties, are critical for improving the efficiency of these energy systems. Due to the complexity of unconventional rocks, and the strong interactions between fluids and pore surfaces due to the reduced dimensionality, conventional approaches are typically not applicable to fluid flow in these porous reservoir rocks. Therefore, the accurate characterization of rocks with nano- to micro-scale pores is challenging and of great importance. We invite investigators to submit original research articles, as well as review articles, which will stimulate the continuous efforts on new and modern methods and techniques for rock characterization and reconstruction, as well as on understanding mechanisms involved in transport physics of tight and ultra-tight porous media and unconventional rocks.

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Message from the Editor-in-Chief

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