**Abstract Template for Submission to PetroPhase2023**

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This abstract provides a template with the necessary format for submission to the PetroPhase2023 conference, which will be held in Houston, Texas, on June 11-15, 2023. Note that the reference format follows ACS journal, in particular, Energy & Fuels. As usual, you must contain your entire submission in a single page of Letter size paper. The font should be Times New Roman. The font size of title should be 16. The font size of author names, affiliation, and the main text should be 10.5. Images are allowed, but please include a figure caption. When you submit your abstract on the website, you will be guided to select one session among seven: (1) Fluid Characterization (2) Flow Assurance (3) Emulsion, Upgrading and Fouling (4) Energy Integration (5) Energy Integration (6) Decarbonization and Carbon Removal (7) Produced Water Management. It is our hope that you can enjoy high-quality oral and poster presentations from leading experts in academia and industry as well as emerging young talents in the Student Conference at PetroPhase2023. The participants can also enjoy wonderful parks, museums, the downtown skyline (**Figure 1**) and taste fantastic foods.



**Figure 1. Houston, Texas night skyline..**