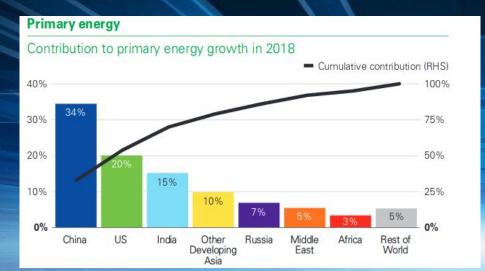
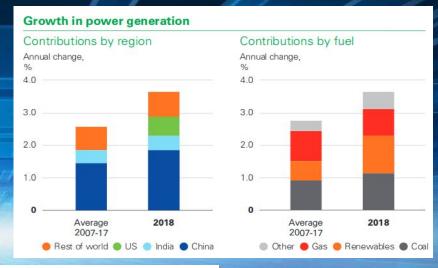
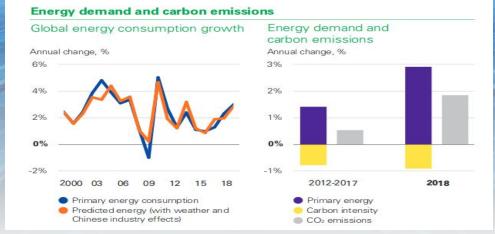
## The challenges and importance of modeling liquid nuclear fuel

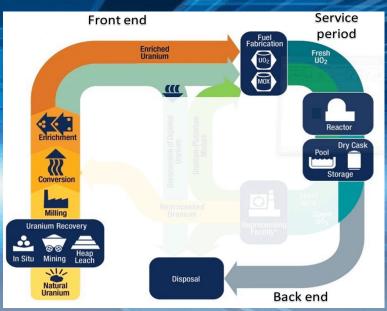






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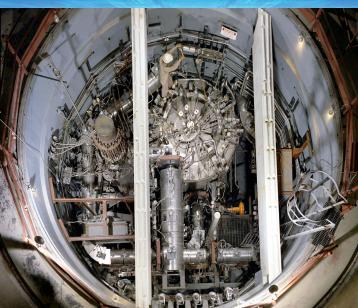


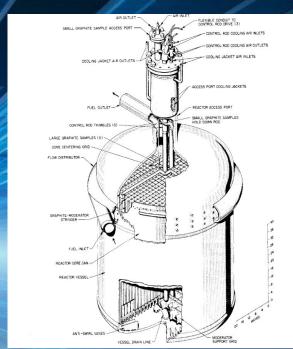


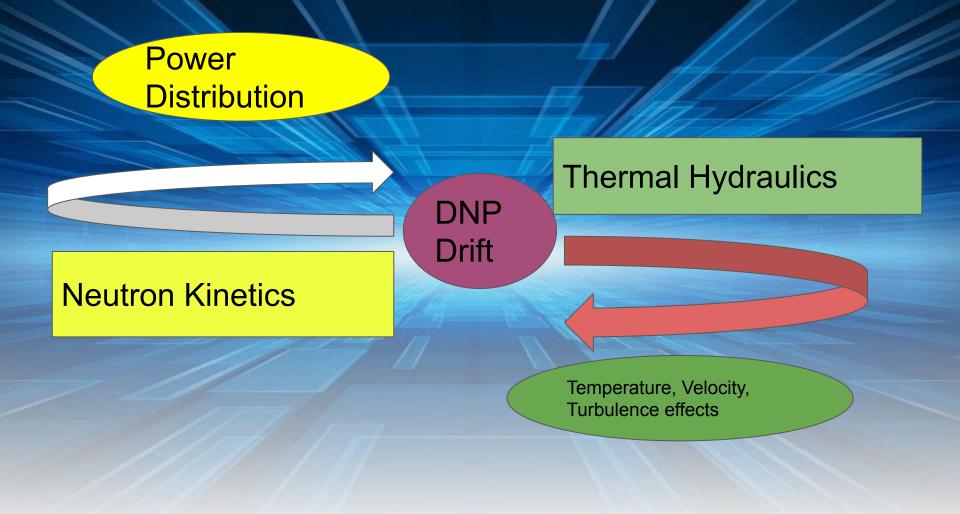
- Abundance
- Proliferation resistance
- High Chemical and Radiation Stability



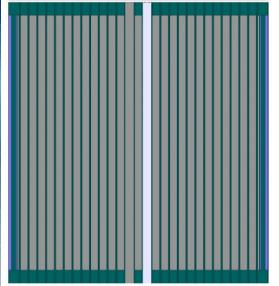
#### THE MSRE



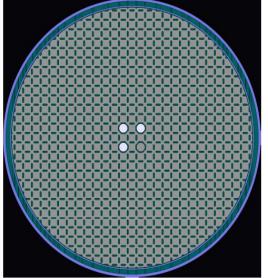


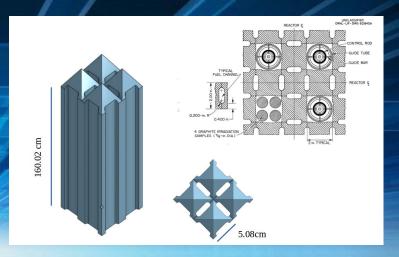


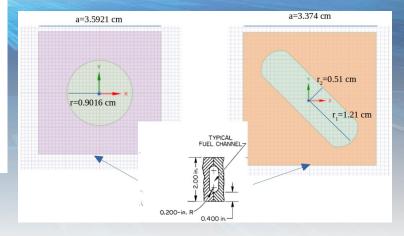
### CORE SIDE VIEW (SERPENT)

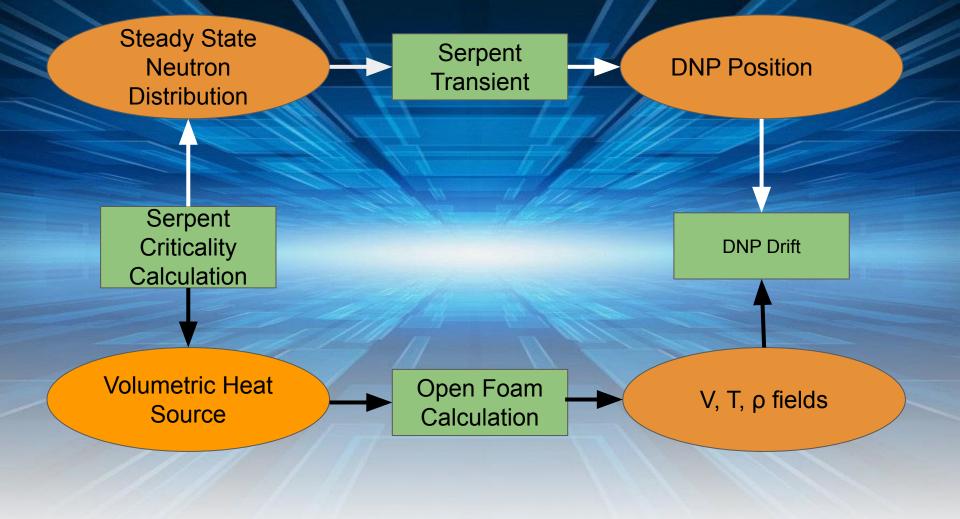


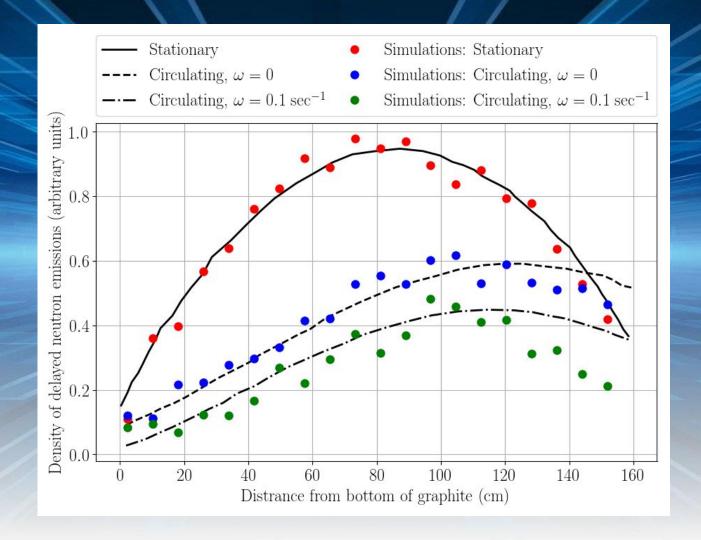
### CORE TOP VIEW (SERPENT)

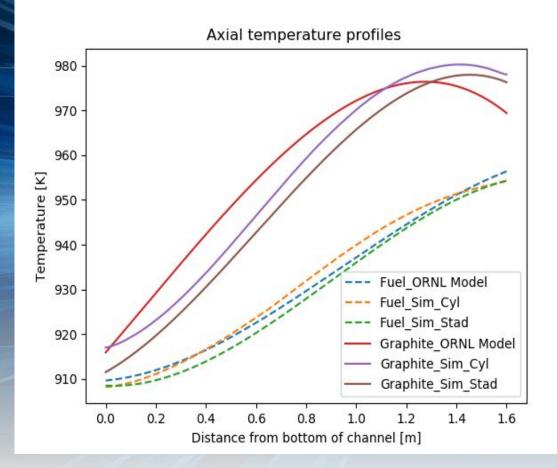




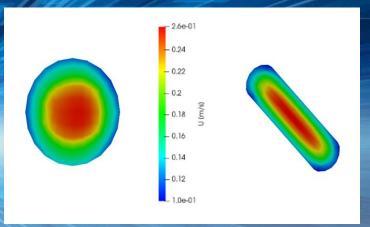


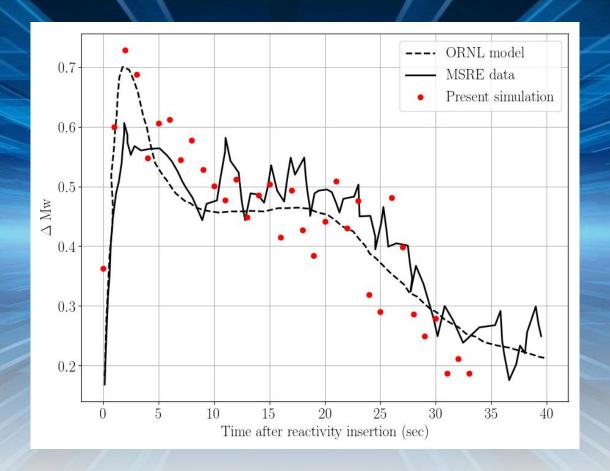






#### Velocity Profiles





# THANK YOU FOR YOUR ATTENTION