Jul. 2021



# - CASE EXAMPLE -Plasma in GEC-CCP Reactor



#### Model



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#### Voltage and Self-Bias

Wave FRONT Plasma in GEC-CCP Reactor



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## Time Evolution of Plasma

Plasma in GEC-CCP Reactor

WAVE FRONT



Peak position moves to the center, then plasma grows until it balances with the input power.



## Density

#### Electron Density (period-averaged) Argon Ion Density (period-averaged)



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#### Collisions





Electron Temperature (period-averaged) Argon Ion Temperature (period-averaged)



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Energy

Electron Energy (period-averaged) Argon Energy (period-averaged)





#### Ion Velocity and Joule Heating

ARTICLE PLUE

