

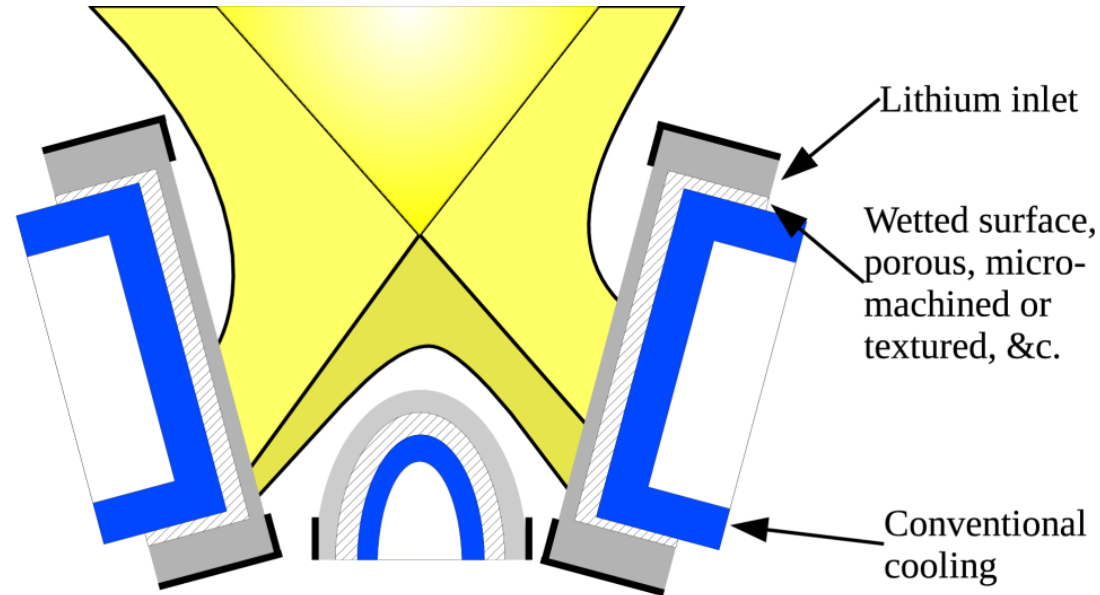
# Which Part of this Doesn't the Fusion Community Understand?

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- Heat of vaporization of lithium = 11 MJ/liter
  - Vaporization → radiation, detachment
  - Consequence: flow more lithium
- Heat of fusion of tungsten = 4 MJ/liter
  - Melting → surface distortion
  - Consequence: replace the melted component

# Which Parts Do We Understand?

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- Sputtering and evaporation
- Localized redeposition
- Radiation
- Detachment
- Source of lithium to main plasma
- Lithium recirculation

- Continuous operation
- Off-normal Events
- Measurements
- Modeling