

Technical Meeting on Plasma Physics and Technology Aspects of the Tritium Fuel Cycle for Fusion Energy

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Deuterium/Tritium Fuel Cycle Considerations for Plasma Physics

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The deuterium/tritium fuel cycle for fusion reactors is linked to how the reactor is designed and operated. Sometimes these links are obvious such as the choice of seeding gases and burn fraction, though others are subtle or not obvious. This paper presents an introduction to the key considerations stemming from physics decisions that impact the design and operation of the fuel cycle.

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