

Tohoku University, School of Engineering  
Quantum Science and Energy Engineering

# Tobita Lab

## Quest for Fusion Energy



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□ Lab HP : [https://web.tohoku.ac.jp/fusion/html\\_tains/index.html](https://web.tohoku.ac.jp/fusion/html_tains/index.html)

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(Replace \* by @ )

(Courtesy : Pixabay / Free-Photos)

## STAR FIRE

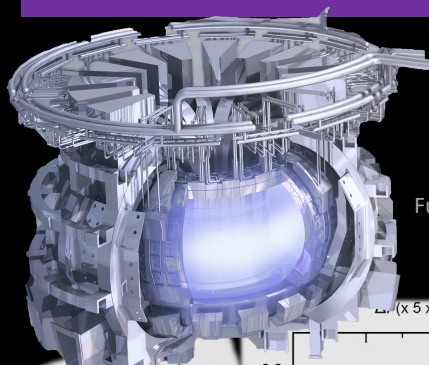
Episode XXIII

### QUEST FOR FUSION

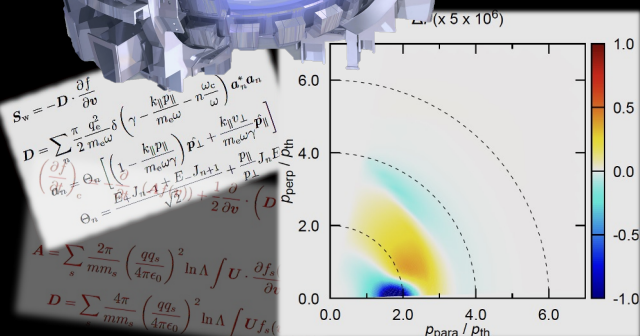
*For billions of years, galaxies  
produce vast amounts of light  
with fusion energy.*

*Young secret agents of Tobita Lab  
are working on experimental and  
simulation research aiming to  
realize the energy of galaxies, a*

## Fusion Plasma Simulation



Fusion reactor  
(Courtesy: QST)

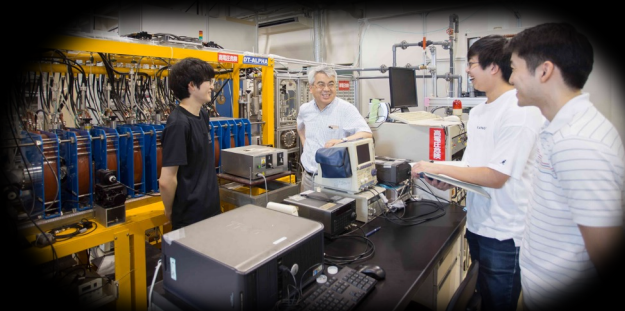


Plasma current drive simulation

## Plasma Experiment



Plasma produced in DT-ALPHA



Lab snapshot