

Fight Instabilities with Instabilities- a solution for Fusion Energy

PIC II Presentation 28/01/2025

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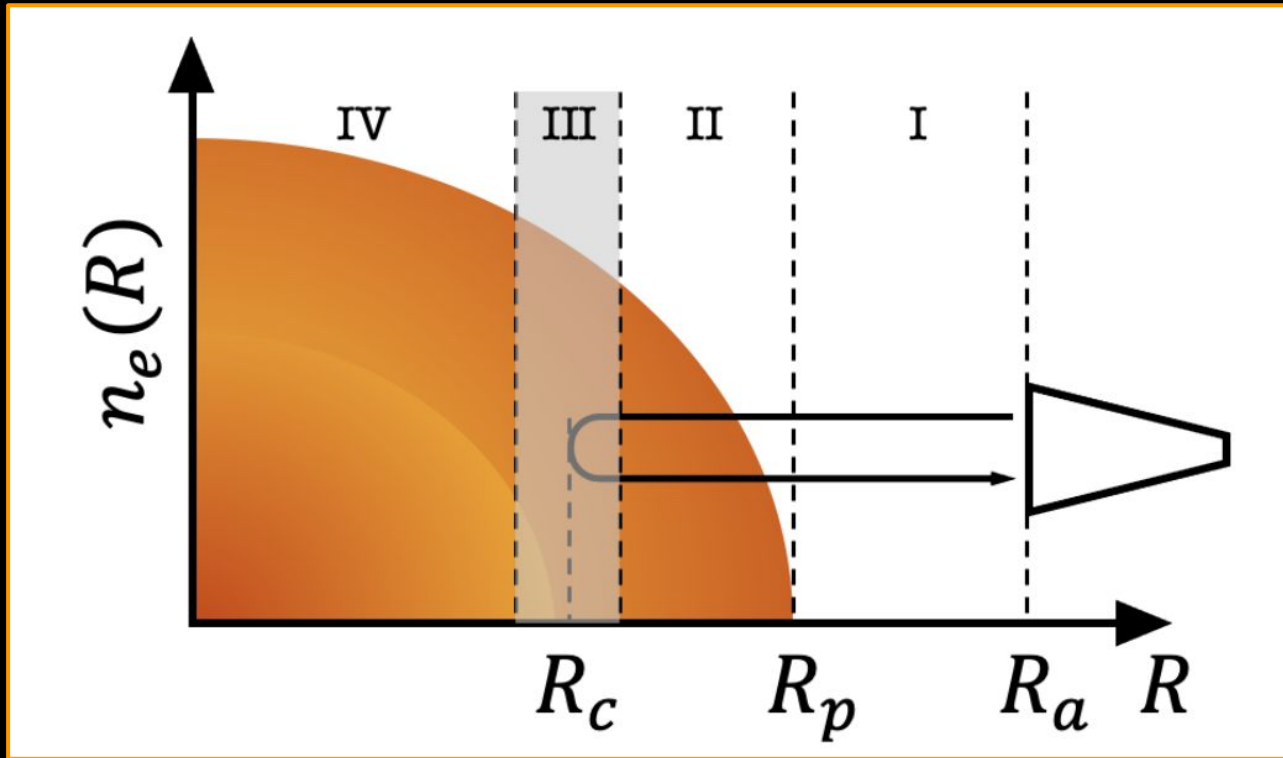
Supervisors: Dr. Carlos Alberto Nogueira Garcia Silva

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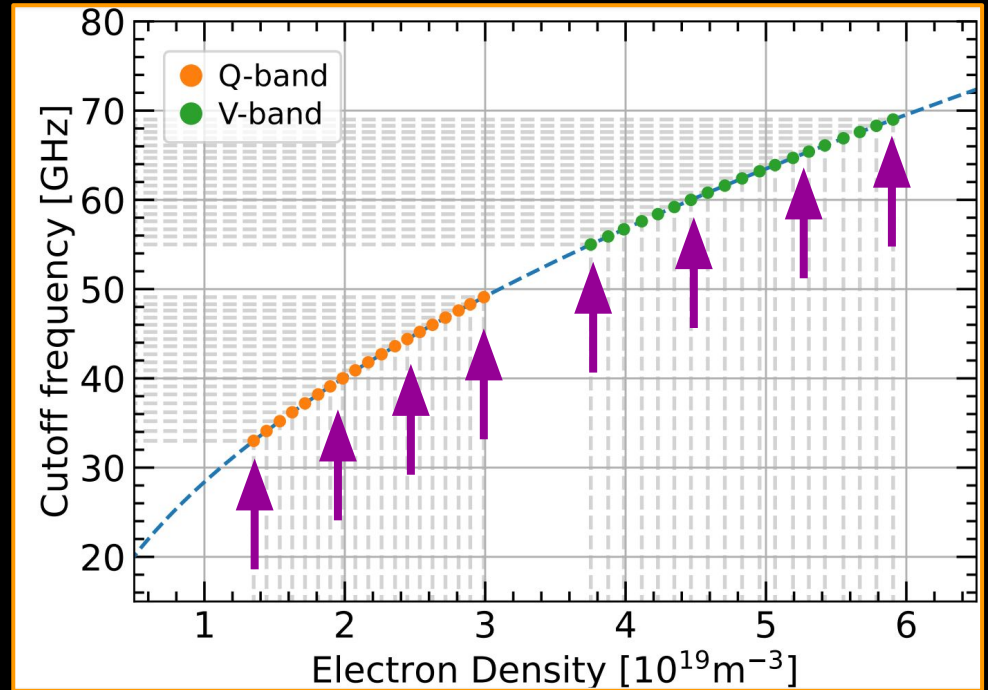
QCM through Reflectometry

Radial Measurement of the QCM using Reflectometry



Source: A. Silva 2007 (PhD thesis)

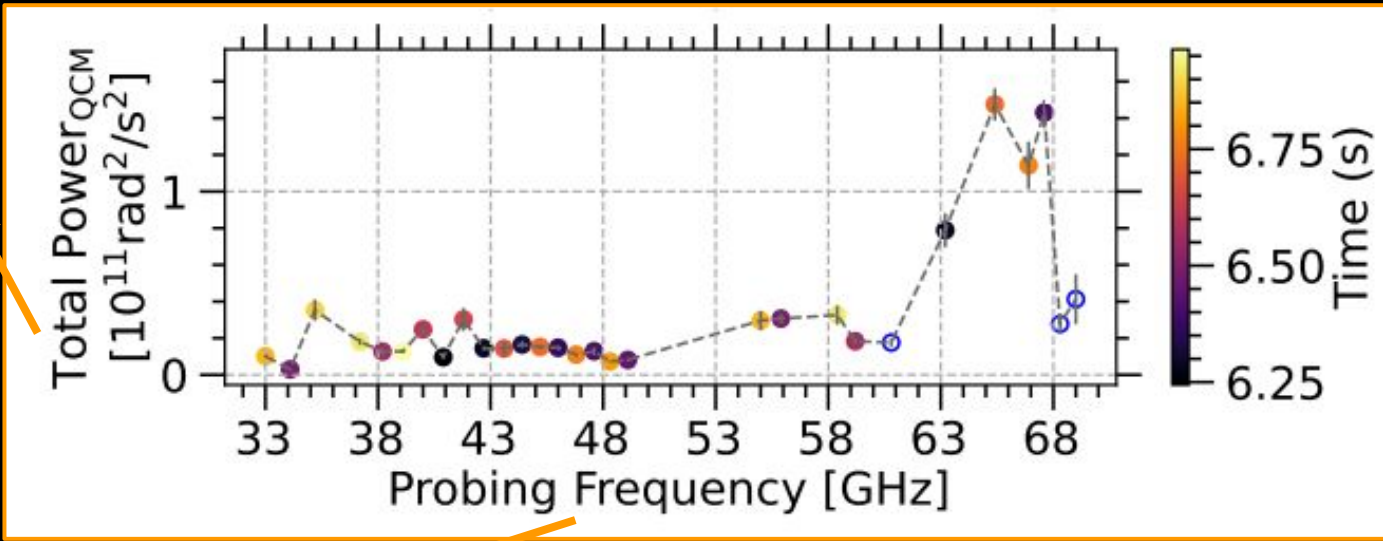
- Hopping Reflectometry



Source: R. Valente 2024 (Master's thesis)

Measurement of the QCM using Reflectometry

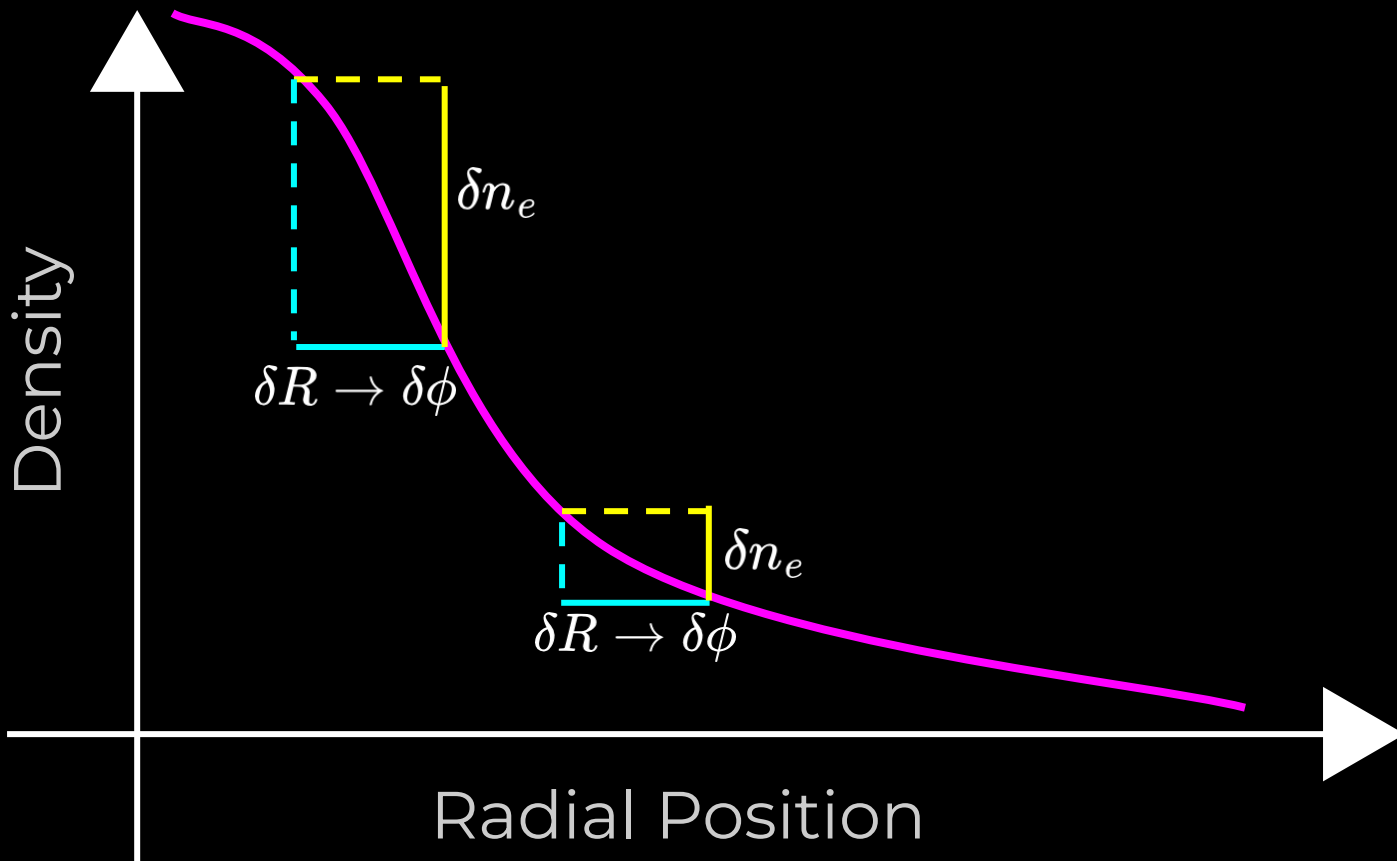
Density Fluctuation Amplitude



Radial position

Source: R. Valente 2024 (Master's thesis)

Measurement of the QCM using Reflectometry



Based on a figure from: Sílvia Ramos (2009) PhD thesis

ASDEX Upgrade Data



Source: ipp.mpg.de

Thank you!