



Contribution ID: 35

Type: **Plenary lecture**

Plenary lecture 1: Diffusion MRI with strong gradient hardware, Prof. Chantal Tax

Monday, 25 November 2024 16:30 (50 minutes)

This talk will focus on diffusion NMR and MRI, which sensitises the signal to the molecular motion of water molecules. This technique can provide endogenous contrast to the microstructure of tissue. Diffusion encoding is done through applying additional field gradients, and the last decade has shown key developments in gradient hardware for more efficient encoding. The opportunities and pitfalls of strong-gradient diffusion MRI will be discussed.

Field

Presenter: Prof. TAX, Chantal (University Medical Center Utrecht)

Session Classification: Plenary lecture