

Talk-1

Introduction to Solar Radio Astronomy

Radio Window

Basic antenna,

Principle of radio receiver system,

Historical development of Radio Spectrographs

- Solar Corona

- Density models (New Kirk, Saito, Baumbach-Allen, Leblanc, etc)

Introduction to Solar Radio Bursts

Radio Emission mechanisms

1. Free-Free emission
2. Gyro-Synchrotron Emission
3. Plasma Emission