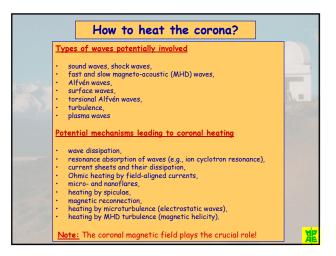
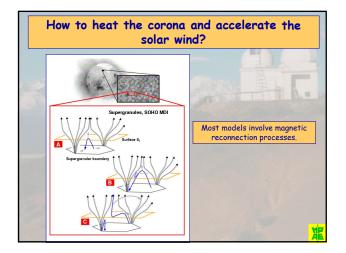
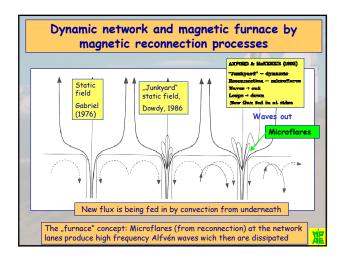
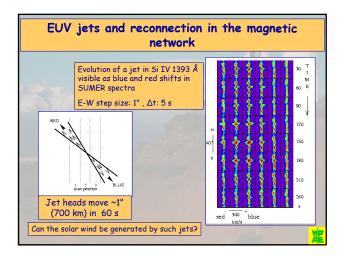


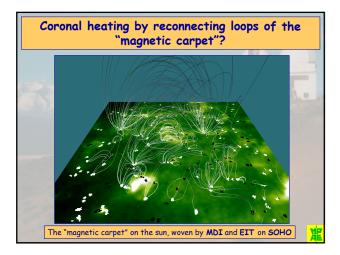
The solar corona: four different types
2. The F-corona (<i>Fraunhofer</i> corona)
 White light from the photosphere, scattered on dust particles (<i>Rayleigh-scattering</i>), i.e., a continuous spectrum like the photospheric spectrum, including Fraunhofer lines, very low degree of polarization, other name: <i>Zodiacal light</i>, visible by eye in dawn or dusk at favorable conditions. Note: The Fraunhofer line characteristics can be used for differentiating the two corona types!
3. The E-corona (emission line corona)
 Line emission from various atoms and ions in the corona, strongest line in visible spectral range: 530.3 nm of FeXIV ions (the green line), apart from H-alpha line at 656.3 nm of cold neutral hydrogen atoms (chromosphere), strongest line in UV: Lyman-alpha at 121.6 nm from neutral hydrogen atoms, very many lines in UV and EUV spectral ranges, strong radial gradients, many forbidden lines, therefore various polarization states, visible using spectrographs during eclipses, or coronagraphs.
 Thermal radiation of heated dust particles, continuous infrared spectrum, according to temperature and color of dust particles,
ALC: ALC: ALC: ALC: ALC: ALC: ALC: ALC:

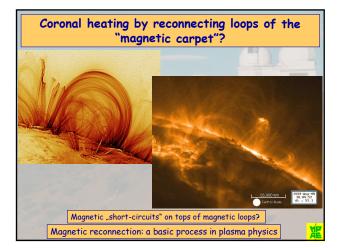




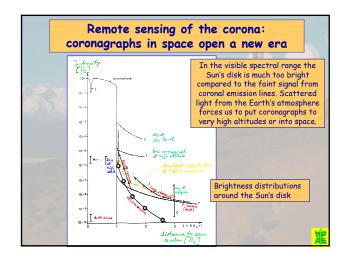


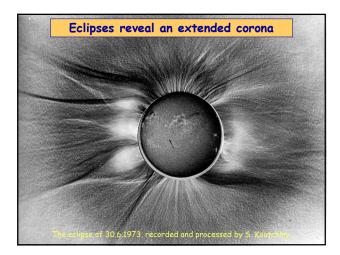












	Remote sensing of the corona: coronagraphs in space open a new era
	LASCO-C1/MICA coronagraph scheme
* .	Line and the second sec
Test	Spentra active server server avoids vignetting of inner corona and allows very

