



Introduction







Study of stellar activity

Replace the Sun in a more general context: influence of various stellar parameters (age, mass, rotation, binarity) on stellar activity

- distribution and evolution of starspots and surface magnetic field
- surface differential rotation
- geometry and dynamics of stellar coronal plasma

Evaluate the impact of magnetic fields on stellar evolution

- magnetospheric accretion in young solar analogues
- magnetic rotational braking of active stars

necessity to spatially resolve stellar photospheres and coronae



















































Perspectives



