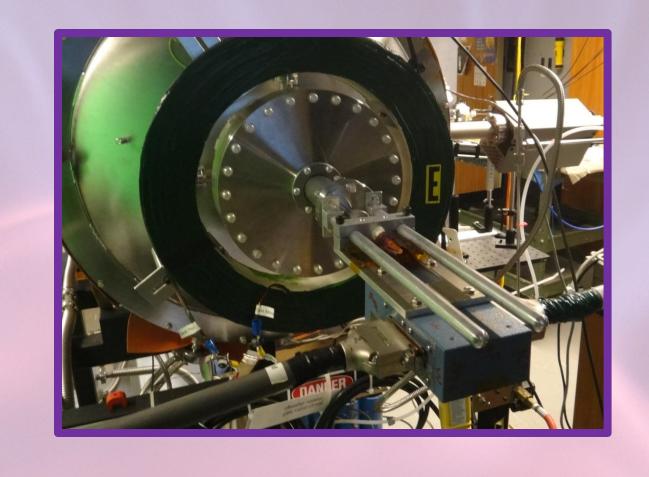
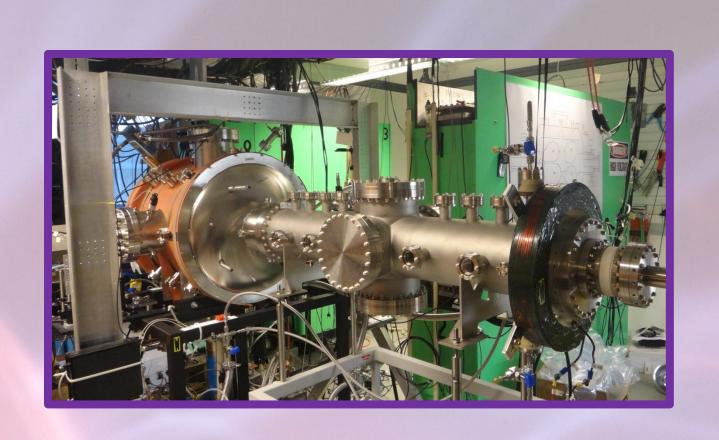


SSX is a laboratory for studying plasma and turbulence physics

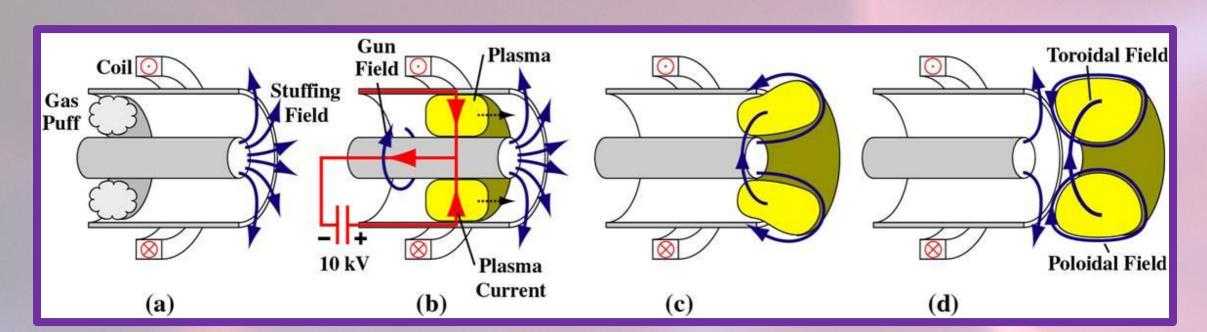






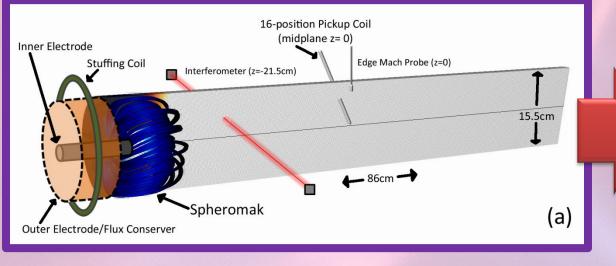


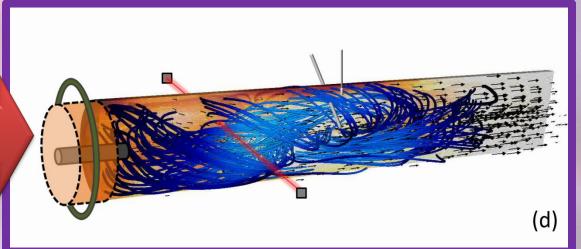
Electrode sources produce plumes of magnetized plasma called "spheromaks"



The effect is similar to blowing a soap bubble!

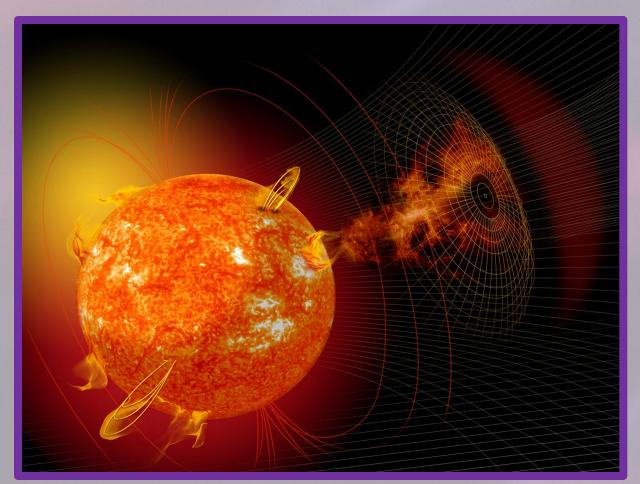
The plasma plume evolves from a spheromak into a twisted double-helix called a Taylor State

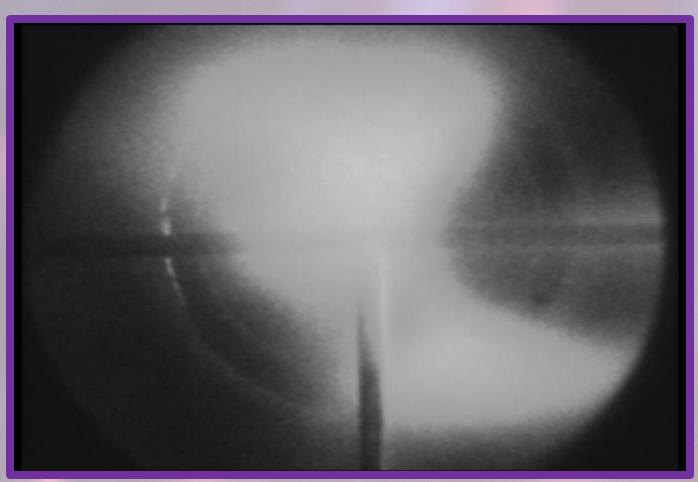


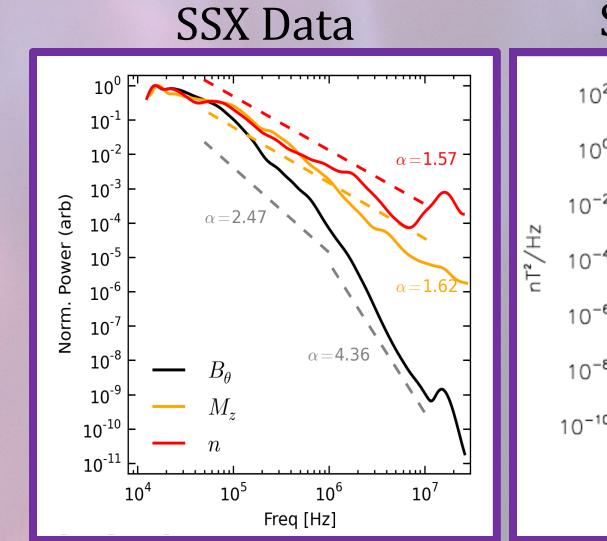


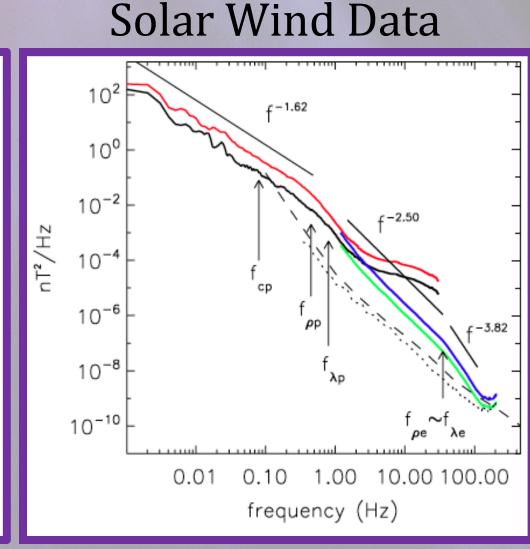
Laboratory plasmas are used to study similar phenomena as is seen on the sun

High speed imaging can capture plasma with similar structures as is seen on the sun and the solar wind









Turbulence in SSX has similar characteristics to that seen in the solar wind and magnetosheath