

Spontaneous formation of a transport barrier in helium plasma in a tokamak with circular configuration

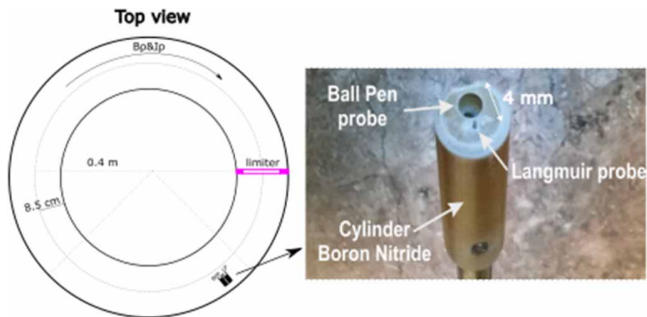


Figure: Left—the experimental arrangement for the combined probe measurements with limiter configuration, top view. Right—the photo of the combined ball-pen (diameter 4 mm) and Langmuir probe (diameter 1 mm) head. Mirnov coil ring consisting of 4 coils is placed around the limiter. The magnetic field and the plasma current are clockwise oriented.



Mácha, P., Adamek, J., Seidl, J., Stockel, J., Svoboda, V., Oost, G., Lobko, L., and Krbec, J. (2023). Spontaneous formation of a transport barrier in helium plasma in a tokamak with circular configuration. *Nuclear Fusion*, 63(10):104003.