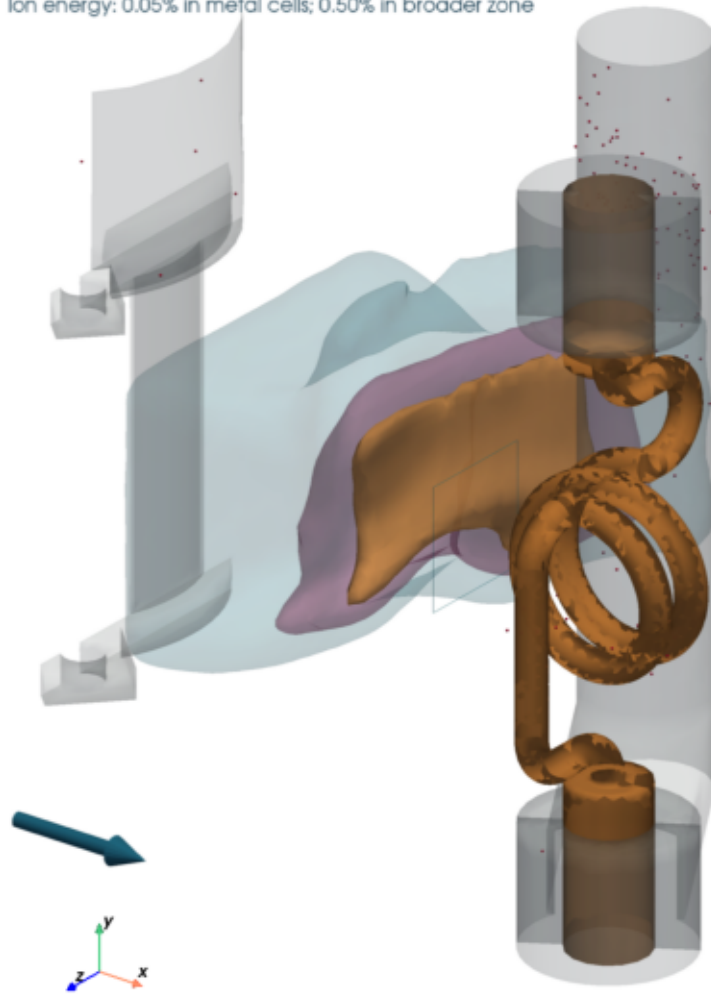
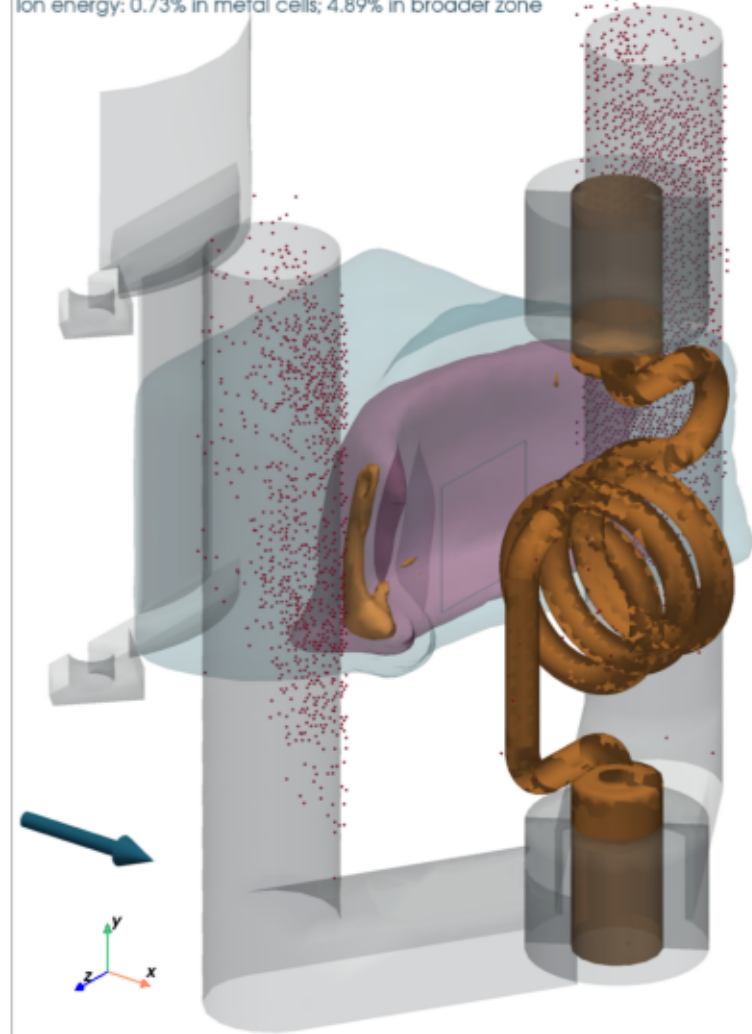


The paired field redirects the flow, with more overlap near the feed hardware

Single feed / thin two-turn
Ion energy: 0.05% in metal cells; 0.50% in broader zone



Paired feeds / thin three-turn
Ion energy: 0.73% in metal cells; 4.89% in broader zone



Density surfaces: 0.5, 2 and 4 $\times$ inflow. Red markers: centres of metal-intersecting cells with binned ion density $\geq 1\%$ of inflow. Markers are cells, not particles or absorbed-ion counts. CAD/mesh is context; neither model includes an absorbing or responding conductor boundary.