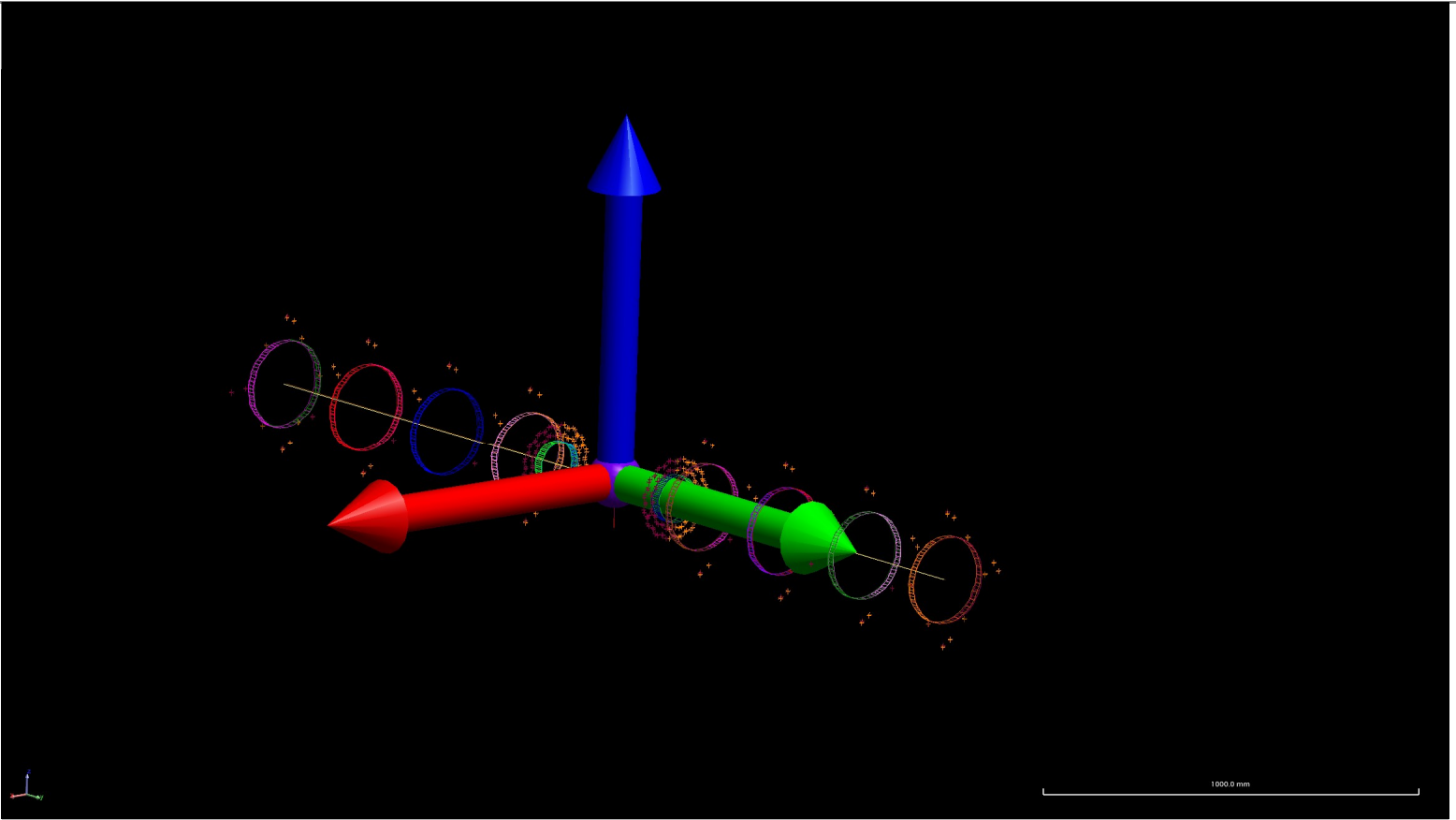


INTT DETECTOR LOCATION



RHIC 8 O'CLOCK IP FRAME

Frame RHIC CONTROL::Local_08 o'clockBH 0.00000			
	X	Y	Z
Translation (mm)	0.000000	0.000000	0.000000
Rotation (deg)	0.0000	-0.0000	0.0000
X Axis	1.000000	0.000000	0.000000
Y Axis	0.000000	1.000000	0.000000
Z Axis	0.000000	0.000000	1.000000
Proj. Ang.	Rx from Y	Ry from Z	Rz from X
X (deg)	0.0000	90.0000	0.0000
Y (deg)	0.0000	0.0000	90.0000
Z (deg)	90.0000	0.0000	0.0000

EAST INTT DETECTOR FRAME

Frame EAST INTT REF::EAST DETECTOR FRAME			
	X	Y	Z
Translation (mm)	-1.159161	5.408694	-2.851280
Rotation (deg)	1.1676	88.9515	-178.8303
X Axis	-0.018295	-0.000374	-0.999833
Y Axis	0.000041	-1.000000	0.000373
Z Axis	-0.999833	-0.000034	0.018295
Proj. Ang.	Rx from Y	Ry from Z	Rz from X
X (deg)	-90.0214	-178.9517	-178.8303
Y (deg)	179.9786	6.2400	-89.9977
Z (deg)	90.1063	-88.9517	-179.9981

WEST INTT DETECTOR FRAME

Frame WEST INTT REF::WEST DETECTOR FRAME			
	X	Y	Z
Translation (mm)	1.573684	4.972360	-2.785349
Rotation (deg)	89.7796	-0.0243	90.0066
X Axis	-0.000115	1.000000	0.000423
Y Axis	-0.003847	-0.000424	0.999993
Z Axis	0.999993	0.000113	0.003847
Proj. Ang.	Rx from Y	Ry from Z	Rz from X
X (deg)	0.0243	-15.1604	90.0066
Y (deg)	90.0243	-0.2204	-173.7137
Z (deg)	88.3164	89.7796	0.0065