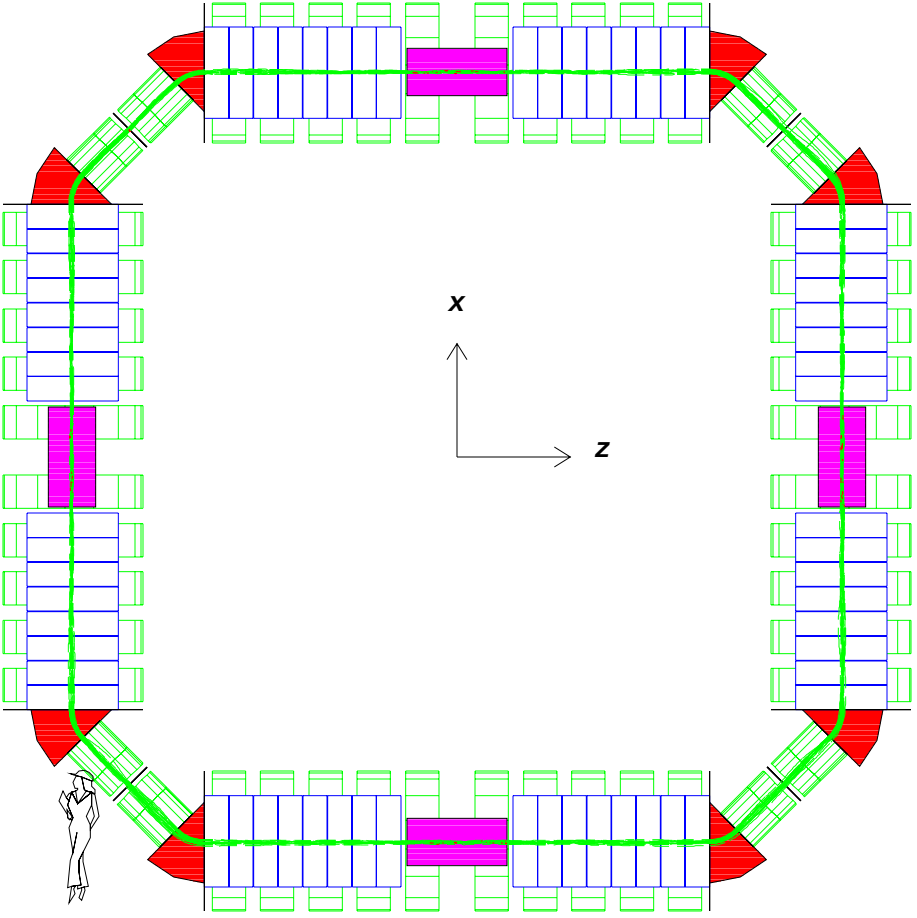ARTE RING COOLER-NEW SCHEME FROM BALBEKOV 26/11/01