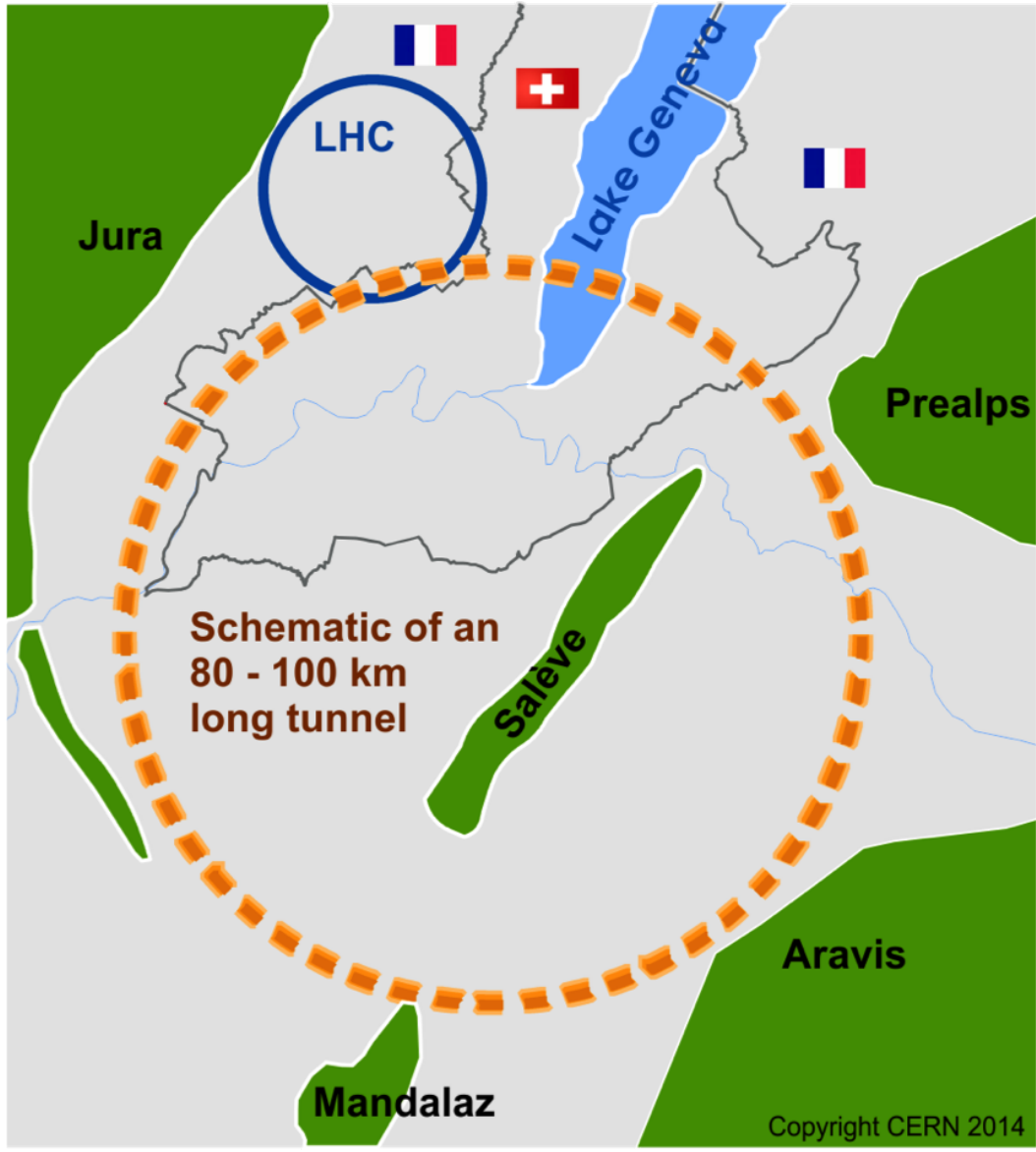
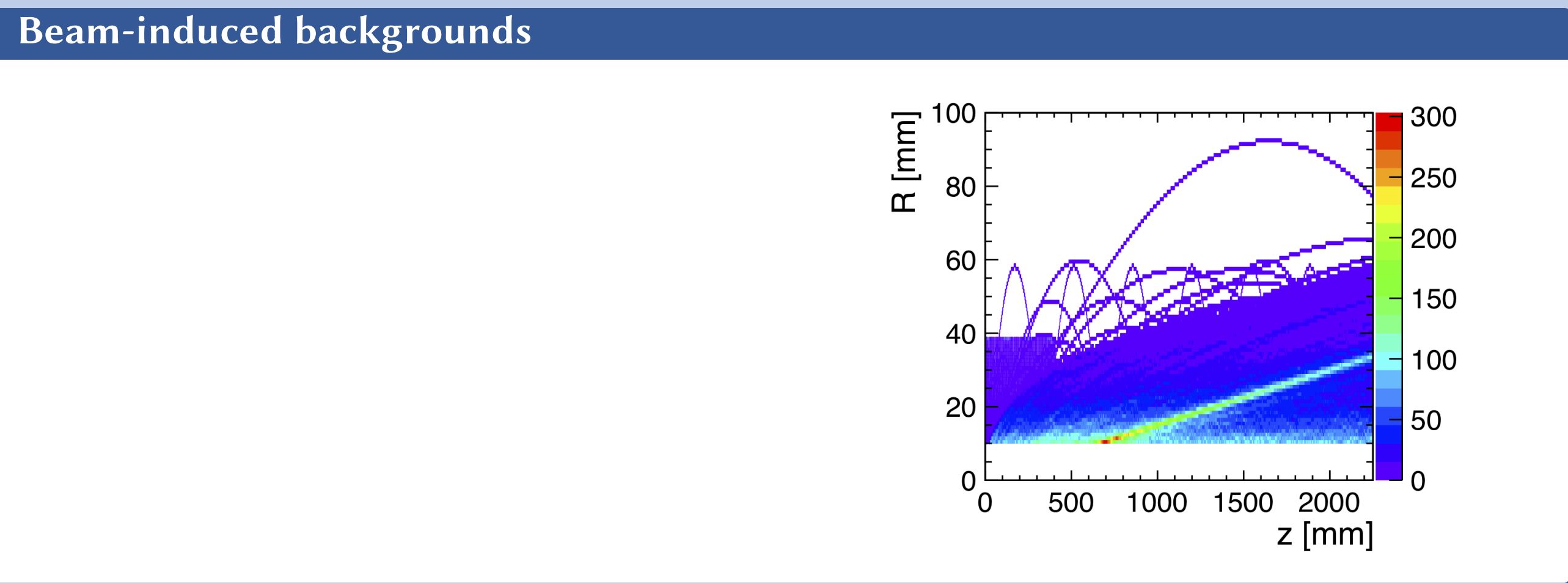
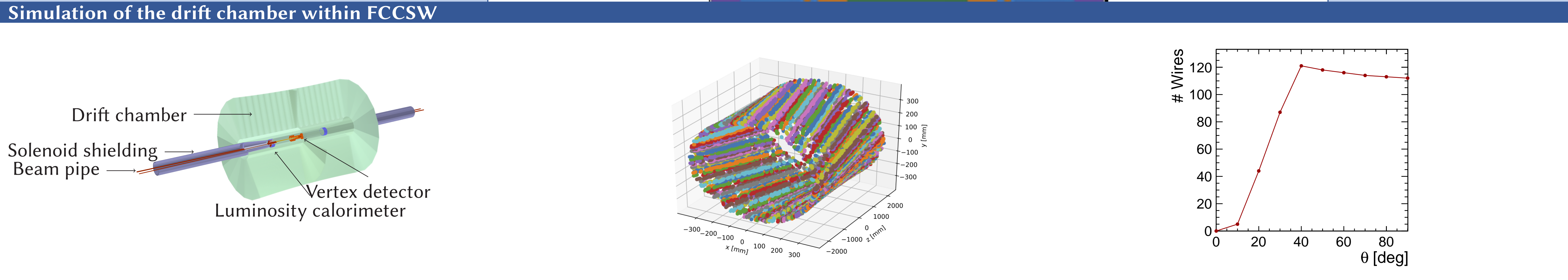
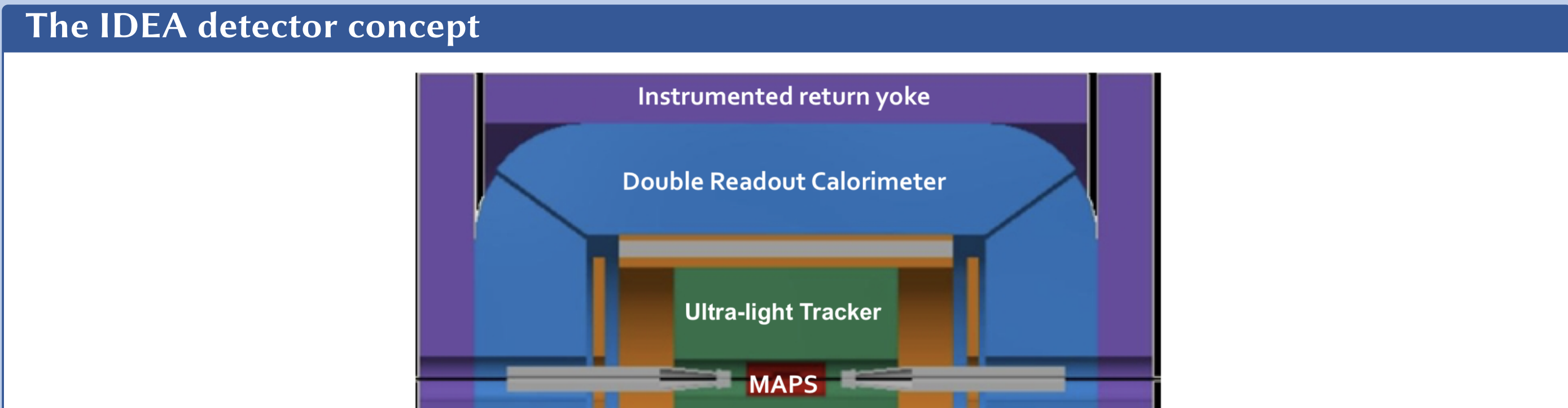
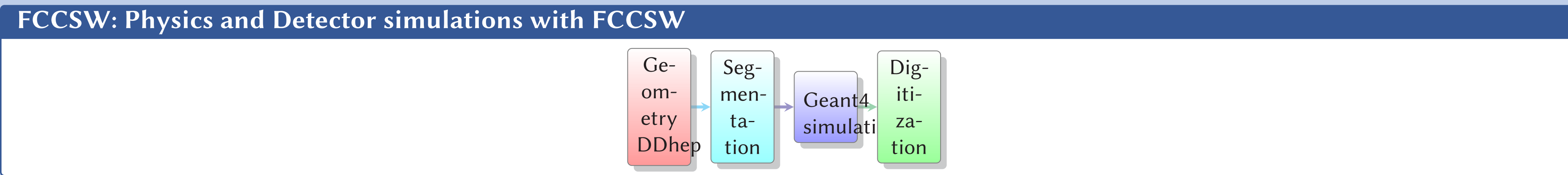


FCC: Future Circular Collider

- A future collider
- 3 options





Beam-induced backgrounds

Background	Average occupancy	
	$E_{\text{cm}} = 91.2 \text{ GeV}$	$E_{\text{cm}} = 365 \text{ GeV}$
e^+e^- pair background	1.1%	2.9%
$\gamma\gamma \rightarrow$ hadrons	0.001%	0.035%
Synchrotron radiation	-	0.2%