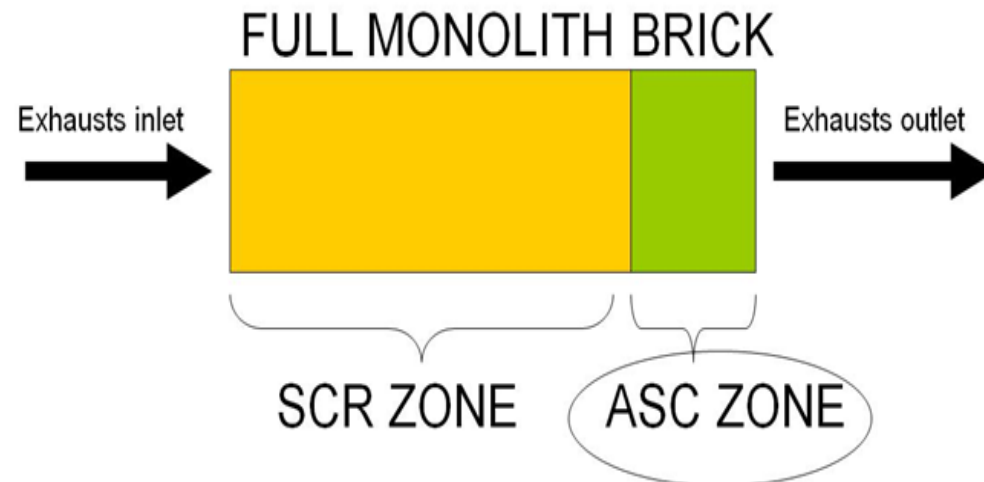


# Modeling study of SCR/PGM interactions in $\text{NH}_3$ slip catalysts

**POSTER LOCATION P-19**

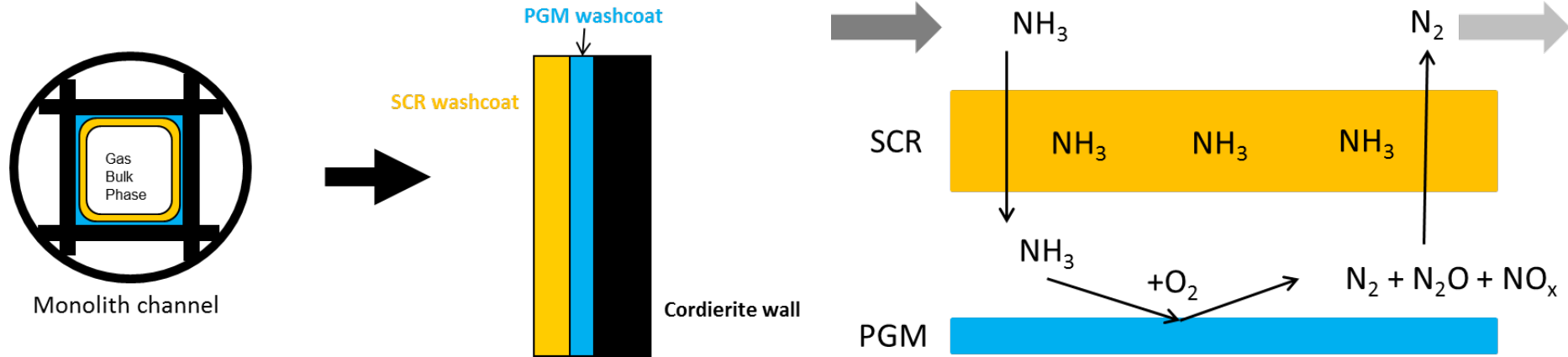
***What is the  $\text{NH}_3$  slip:*** undesired release of unreacted  $\text{NH}_3$  downstream SCR converters.

***How to avoid it?*** Catalytic device downstream the SCR converter → **ASC systems**



# Dual Layer ASCs concept & optimization

ASC ZONE → dual layer: SCR + PGM



$\text{NH}_3$  conversion &  $\text{N}_2$  selectivity increase

**Goal of the work:** optimization of  $\text{NH}_3$  slip catalyst performance by simulating the behavior of different SCR/PGM configurations

P-19

