



# Super-B: HOMs at IR.

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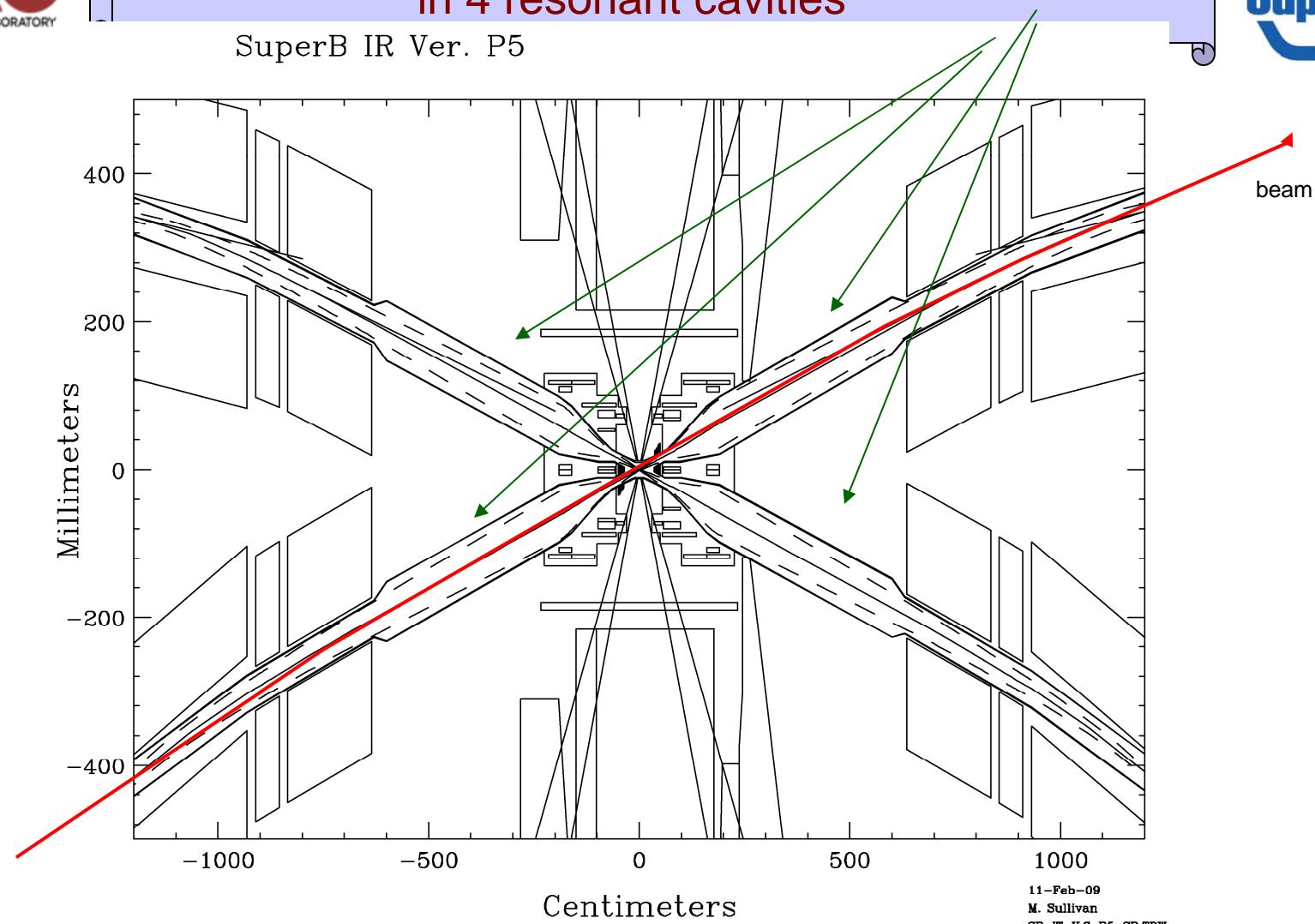
*Super-B General Meeting VIII*

*June 16-20, 2009*

*Perugia, Hotel Gio'*

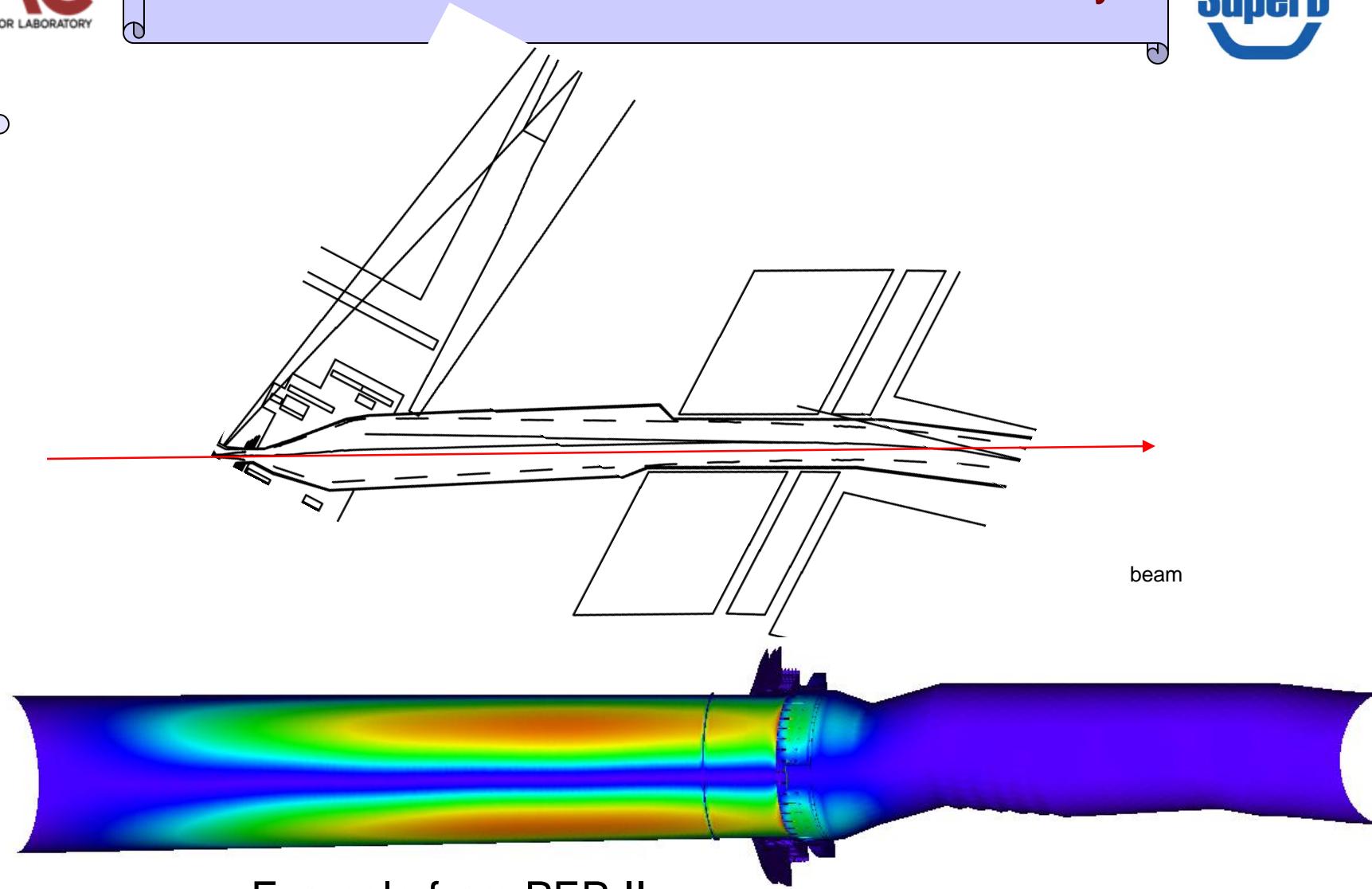
IR “wake” parts: low frequency trapped modes  
in 4 resonant cavities

SuperB IR Ver. P5

11-Feb-09  
M. Sullivan  
SB\_IT\_ILC\_P5\_SR.TDW

We need to simulate each resonant cavity

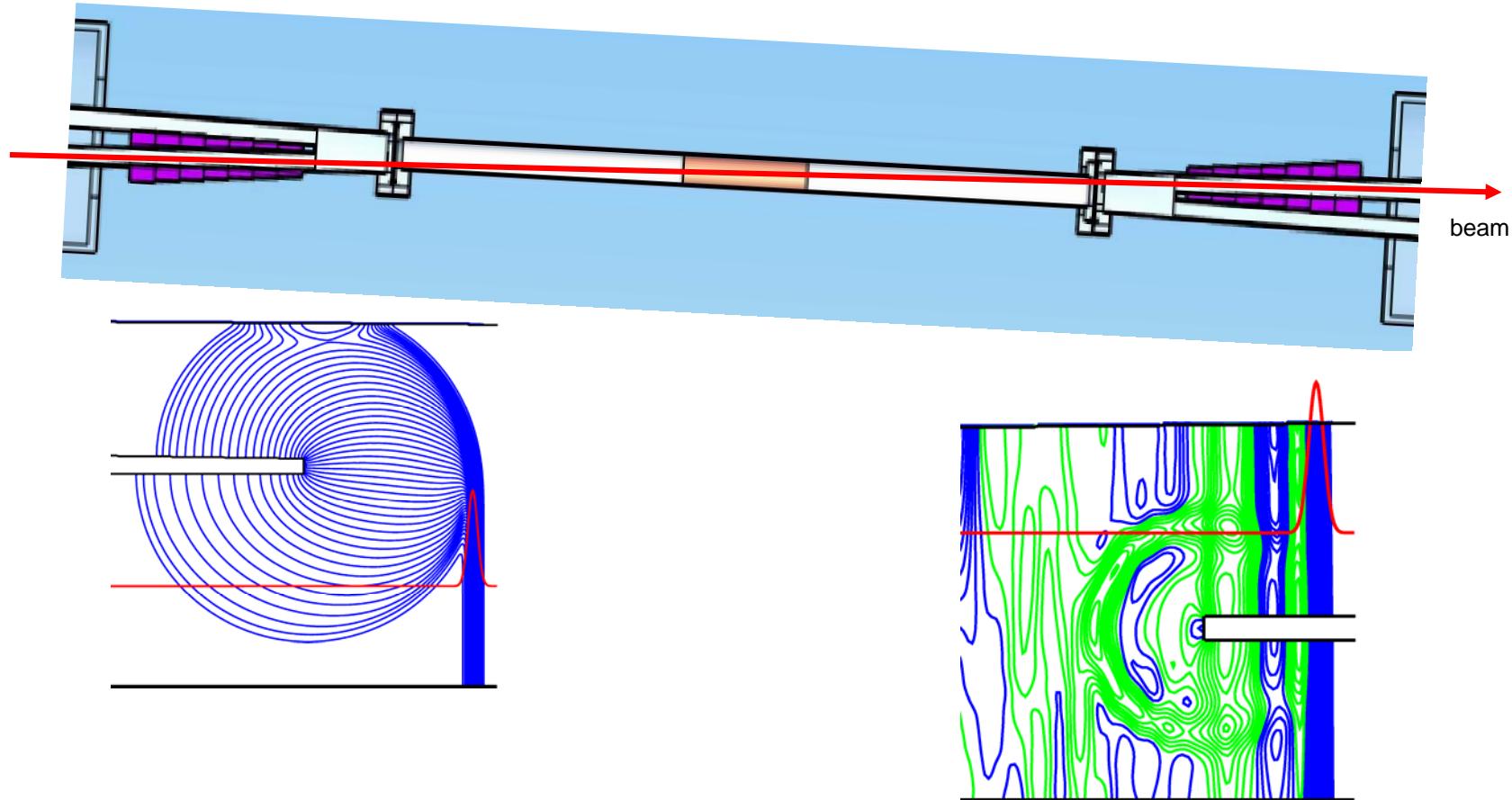
Sasha Novokhatski "RF/Impedance"



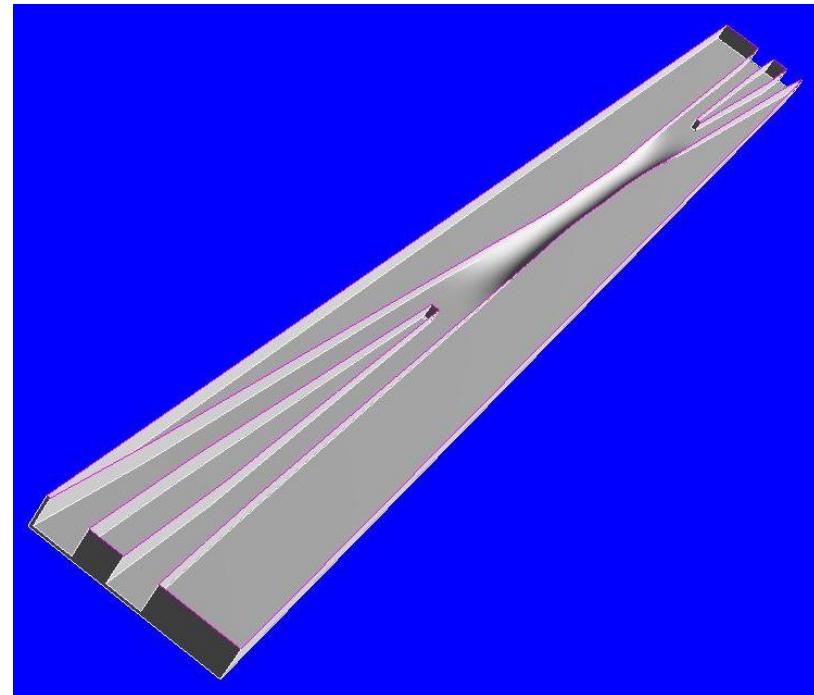
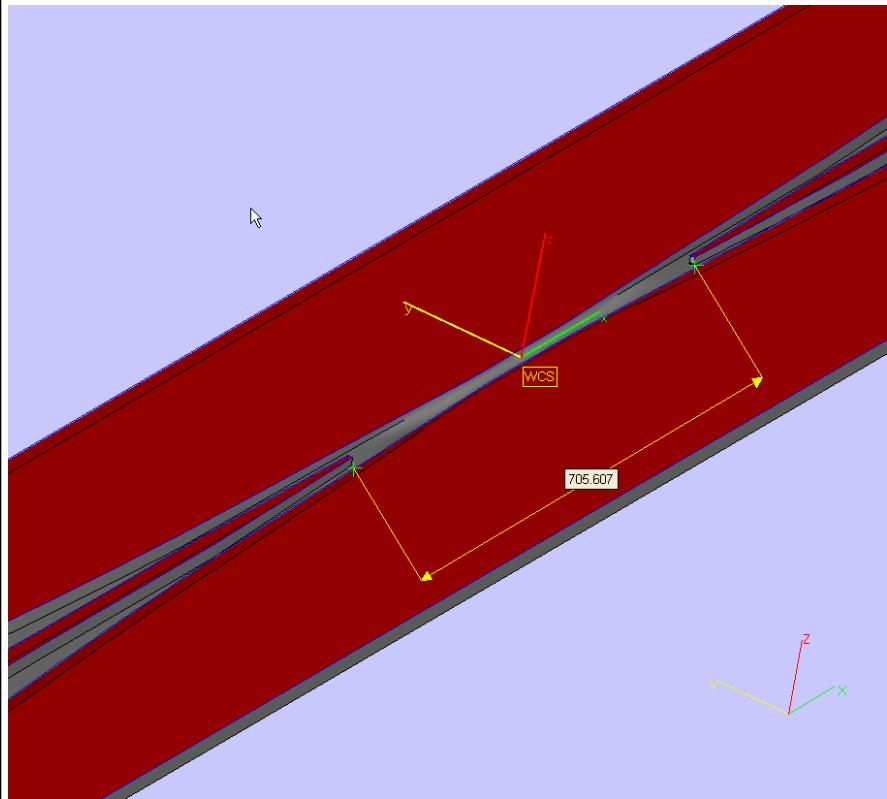
Example from PEP-II

## IR “wake” parts

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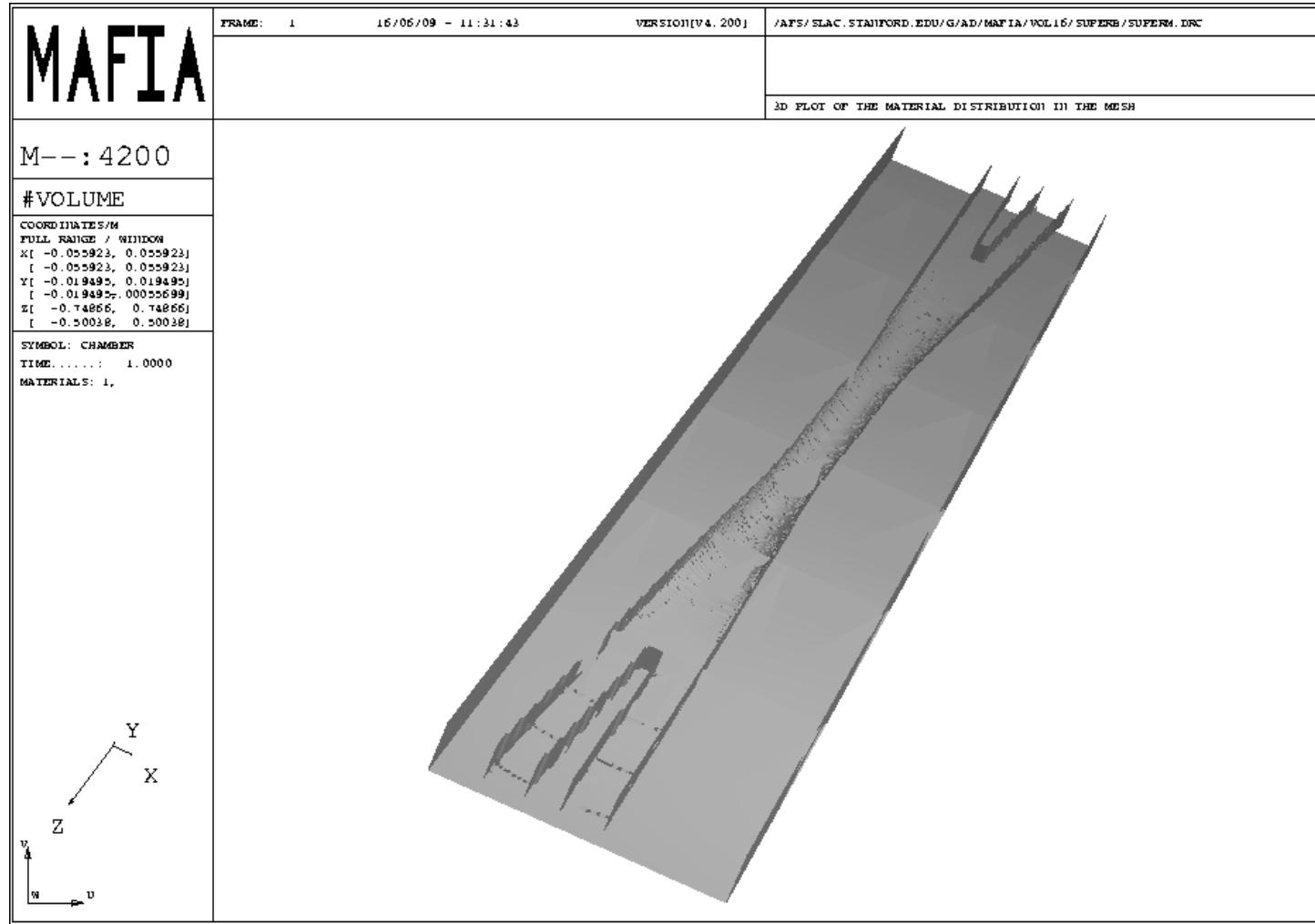


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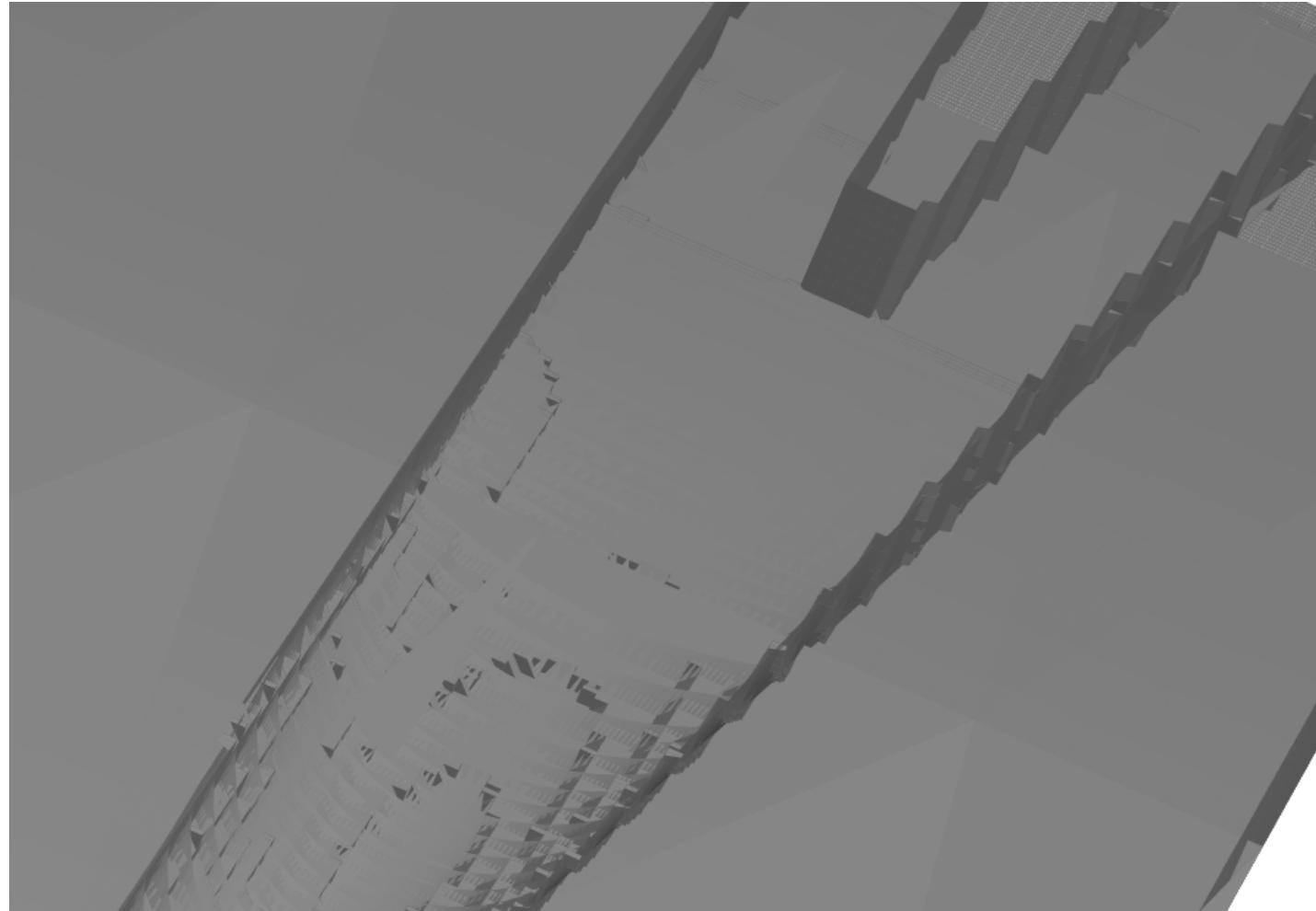
# MAFIA mesh (3 million points)

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## “Staircase” approximation. How strong effect?

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# Definitely water-cooled HOMs absorbers must be installed in these places!

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