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Subject: Geometry for tiles in front of EMC  
Posted by [Lars Schmitt](#) on Fri, 02 Jul 2010 11:34:24 GMT  
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Dear colleagues,

We would like to create a geometry for the new tile hodoscope derived from the EMC geometry. The plan is to have a small scintillator tile of  $2 \times 2 \times 0.5 \text{ cm}^3$  in front of each EMC crystal. The distance to the front face is still open. It can be between 0 and 2 cm depending on which other services are needed on the crystal front face.

Is there an easy way to extrapolate a geometry like this from the existing EMC geometry? Or do we have to create all tiles separately from a large set of numbers?

Thanks for the help.

Best regards,

Lars

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