## The next DISC-DIRC Prototype



## Working Principle



## Focusing Light Guides



## Radiator Mounting



## Ma-PMTs

## A total 22 of these Sensors were used



16 stripes


They were

1) Directly coupled to the radiator
2) Attached to a FLG out of acrylic glass
3) Attached to a FLG out of fused silica

## Ma-PMTs



Direct coupling to the radiator


## 8x8 Planacon MPC-PMT

- $8 \times 8$ array, 5.9 / 6.5 mm (size / pitch)
- Active area $53 \times 53 \mathrm{~mm}$
- Directly coupled to the radiator
- Attached to a FLG out of acrylic glass
- Attached to a FLG out of fused silica



## TIP VIEW



## 8x8 Planacon MPC-PMT



## Readout



## Overview

## Scaled Sketch



## Pictures from the Beam Site



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## Results

- Hit distribution of the thin Quartz FLG with a MaPMT
- Spectra are still unnormalized
- Timing information unused so far



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## Outlook

- Timestamps in raw-data are puzzling
- Noise cuts have to be applied
- The data has do be analysed and compared to Monte Carlo


## Thank you!

