

## 28th RD50 Workshop (Torino)



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# The GigaTracker

*Monday, 6 June 2016 09:10 (30 minutes)*

The GigaTracker (GTK) hybrid pixel detector has been designed to provide hits timed to better than 200ps RMS.

I will give an introduction to the detector architecture and talk about the special techniques used to achieve this demanding requirement. I will also describe the factor that we think ultimately limit the time resolution achievable with such an architecture.

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**Session Classification:** Present and Future Experiments