Readout of silicon pixel detectors with the Medipix ASIC

by Øyvind Lye

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Department of Physics and Technology University of Bergen

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Abstract

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Acknowledgements

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References

UiO and UniComputing (2012). The oslo-bergen tagger. http://www.tekstlab.uio.no/obt-ny/english/index.html. Accessed: 13/02/2012.

Glossary

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