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*NOAO Detector Controller Developments using the MONSOON paradigm*

This talk starts with a quick overview of the MONSOON Project and outlines the path that our group at NOAO North and South have been following. We will present the original concept developed in the early 2002 - 3 time frame and how it have evolved into a major player at the NOAO and WIYN Observatories. This involves instruments at both the Mayall 4m telescope and the WIYN 3.5m telescope and planned ones at Kitt Peak and CTIO. We will also cover how the concept has expanded with the Dark Energy Camera controller and the PAU detector testing. From there, we will follow the recent hardware development of the MONSOON to the Torrent project, a new smaller version, still using the software developed for the original MONSOON boards. Lastly, we will show the two software versions that are in use at NOAO: the pan software and the ArcView software developed in Chile.