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NSLS-II 1-Wire System

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1-wire system at NSLS-II provides an example of low cost measurement of large amount of temperature, humidity and other sensor signals. 1-wire sensors work great with any microcontroller using a single digital pin, and even multiple ones can be connected to the same pin, each one has a unique 64-bit ID burned in at the factory to differentiate them. This presentation will focus on the implementation and EPICS interface of the 1-wire system at NSLS-II.

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