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Maria R Zack* (mzack@pointloma.edu), MICS Department, Point Loma Nazarene University,
3900 Lomaland Drive, San Diego, CA 92106. *Christopher Wren, John Wallis and the Cycloid.*

In *De Cycloide* (1659) John Wallis describes a very interesting geometric proof of the length of the cycloid curve. This work was, in fact, the work of architect and polymath Christopher Wren and is the most significant published mathematical result attributed to Wren. This talk will describe a surprising proof which is accessible to first-year undergraduate students. (Received January 28, 2018)