1128-55-67   **Justin N Theriot*** (`jntheriot504@gmail.com`), 1230 SW Lost Trail DR, Pullman, WA 99163. *Structuring Concurrency as Knots Based on the Lamport's Theorem in Time, Clocks and the Ordering of Events in a Distributed System.* Preliminary report.

The purpose of this project is to introduce the structure of concurrency as knots. The idea behind a knot focuses on the number of crossing both under and over. Additionally, we look at the idea of adding two knots together to form a new knot. We explore these ideas to determine if this structure differs significantly and which if there are ideas open for further research. (Received February 09, 2017)