

**Texas Geometry and Topology Conference**  
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**Dan Freed, University of Texas at Austin, *Remarks on topological field theory***

Topological field theories were introduced in the late 1980s. It was quickly realized that some invariants in low dimensional topology fit into this structure, and new ones were introduced. Recently there have been advances in understanding the structure of such theories in low dimensions. I will report on some of these results organized broadly into two categories: generators/relations and a priori constructions. The main example to be discussed is Chern-Simons theory.