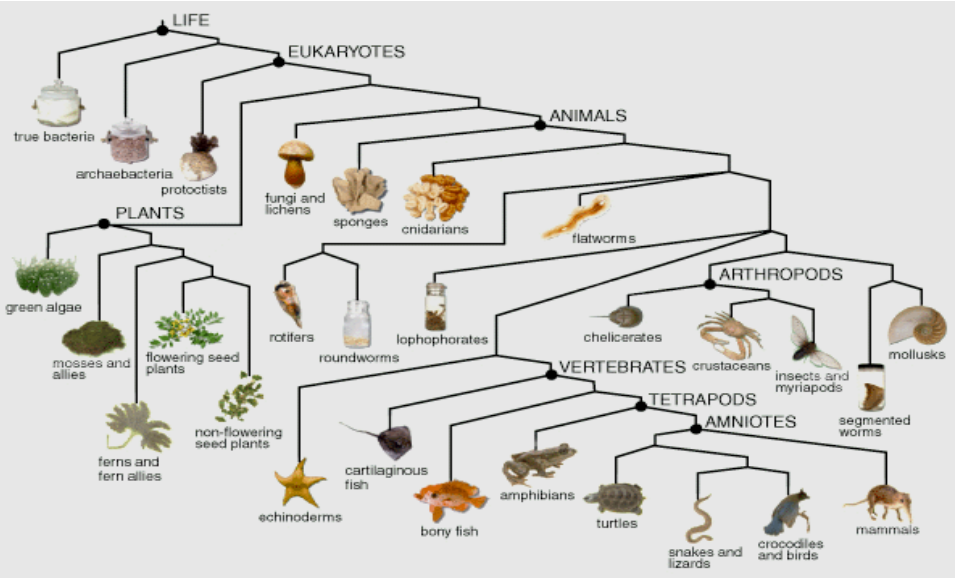
# Phylogenetics of Text Talk

## *"(Almost) content-free phylogenetics through compression"*




**Speaker:**

**John Rogers, DePaul CTI**

**Thursday, November 29**
**5:00 pm – 6:30 pm**

**DePaul CTI, Room 708**
**243 South Wabash**

**Registration:**
**http://programaticus.com/registration**

John Rogers will present the results of the paper "The Similarity Metric"* by Li, et al., in which they use Kolmogorov complexity, a mathematical theory of string compression, to define the relative distance between two finite strings. These pairwise distances can be used to determine the degree of similarity among a collection of strings. This similarity metric has applications in phylogenetics, linguistic taxonomy, studies of chain letters, and detecting plagiarism in students' C++ programs.

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