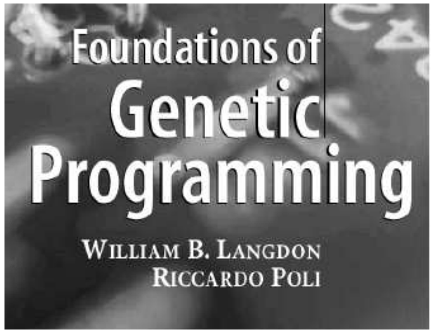

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Part I 8:30–10:15 Riccardo Poli

- Tutorial (partly) based upon *Foundations of Genetic Programming*
- **1.** Introduction
- **4.** Pessimistic GP Schema Theories
- Exact GP Schema Theory: Backbone
- Exact GP Schema Theory: Nuts and Bolts (some in **5**)
- Operator Biases (partly in **6**)
- Operator Interaction
- Exact Size Evolution Equations and Bloat
- Tarpeian Method for Bloat Control
- Conclusions and Outlook for GA/GP Schema Analysis

Part II 10:35–12:20 Bill Langdon

- **2.** Fitness Landscapes
- **7.** and **8.** The Genetic Programming Search Space
  New rates of convergence and limits.
- **9.** Empirical: Santa Fe Ant
- **10.** The MAX problem
- **11.** Genetic Programming Convergence and Bloat
- Conclusions
- Bibliography