

Grammatical Evolution Workshop 2004

Following on from the success of two previous workshops on Grammatical Evolution, GEWS 2002, and GEWS 2003, which were held at GECCO 2002, and GECCO 2003 we are pleased to be holding the 3rd Grammatical Evolution Workshop at GECCO 2004.

Grammatical Evolution (GE) is a grammar based Genetic Programming system that can evolve programs in an arbitrary language from a binary string. GE adopts a genotype-phenotype mapping process taking as input a grammar that describes the syntax of the evolved program. In addition to the grammar, the search algorithm (the standard has been a variable-length genetic algorithm) is also a 'plug-in' component of the system.

The scope of the workshop covers all aspects of GE including foundations, extensions, analysis, applications, and welcomes submissions on all grammar based approaches to Genetic Programming.

Organisers: Michael O'Neill & Conor Ryan