

Evolutionary Music No. 2 @ GECCO 2012



Computing technology is becoming increasingly ubiquitous in all aspects of music. Smart sound design and synthetic music pervades a wide range of creative practices, from avant-garde contemporary music to entertainment media for mass consumption. Computer technologies are having a profound impact on how music is studied, composed, performed, listened to, stored and distributed. For instance, software sound synthesis techniques offer musicians the possibility of creating bespoke digital musical instruments capable of producing an unprecedented range of novel sounds; and Computational Intelligence techniques allow for the design of sophisticated

composition methods that would have been impossible to conceive otherwise. We are proposing a special issue that deals with all aspects of bio-inspired algorithms and their application to music-oriented tasks, e.g., automatic composition, classification, improvisation, harmonization, to name but a few.

The interest in the topic has steadily grown during the last few years and the choice of New Orleans – a city that transpires music – to host GECCO in 2011 was, for us, a definite signal that an event focusing on the use of evolutionary techniques for music-oriented tasks had to take place. And so it did. That 1st edition of the Workshop on Evolutionary Music was a great success and paved the way for this 2nd edition in Philadelphia. The workshop aims particularly at providing a place where the research is not only shown but also performed. Authors were thus encouraged to send not just regular papers describing new approaches and results but to accompany these with audio records to appreciate the quality of the work. This brings a new dimension to the workshop that we hope the audience will enjoy.



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2nd Workshop on Evolutionary Music

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