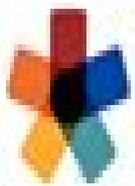


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**29th European Conference
on Genetic Programming**

April 2026

part of evo* 2026

Genetic Programming 2nd Conference

**Krzysztof Krawiec, Alberto
Moraglio, Ting Hu, A. Sima Etaner-
Uyar, Bin Hu**

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Genetic Programming III John R. Koza, 1999 Genetic programming GP is a method for getting a computer to solve a problem by telling it what needs to be done instead of how to do it Koza Bennett Andre and Keane present genetically evolved solutions to dozens of problems of design control classification system identification and computational molecular biology Among the solutions are 14 results competitive with human produced results including 10 rediscoveries of previously patented inventions *Genetic Programming* James A. Foster, Evelyne Lutton, Julian F. Miller, Conor Ryan, Andra G.B. Tezzamanzi, 2003-07-31 This volume records the proceedings of the 5th European conference on Genetic Programming EuroGP2002 which took place in Kinsale Ireland on April 3-5 2002 continuing an established tradition of yearly meetings among the most prominent researchers on Genetic Programming in Europe and beyond their proceedings have always been published in the LNCS series by Springer Verlag EuroGP began life in Paris in 1998 as an international workshop April 14-15 LNCS 1391 a second workshop took place in Goteborg in 1999 May 26-27 LNCS 1598 Its first appearance as a conference was in the year 2000 in Edinburgh April 15-16 LNCS 1802 followed by last year's conference held at Lake Como April 18-19 LNCS 2038 Since the beginning EuroGP has been co-located with a series of specialist workshops on applications of evolutionary algorithms LNCS 1468 1596 1803 and 2037 In keeping with that tradition the EvoWorkshops were also held in Kinsale this year at the same time LNCS 2279 Genetic Programming GP is a branch of Evolutionary Computation in which populations of computer programs are made to evolve and adapt to solving a particular problem or task by a process that draws its inspiration from Biology and Darwinian evolution GP is a very versatile technique which has been applied to a wide range of tasks as a quick inspection of the 32 papers in these proceedings will easily reveal economics robotics engineering statistics pharmacology electronics and nanotechnology are some of the domains in which they have been employed Although the rate of application of GP to problems is steadily growing this conference is characterized by its concern with the theoretical foundations of GP investigation of these issues is attaining an ever increasing depth and maturity *Genetic Programming* Riccardo Poli, 2000-03-29 This book constitutes the refereed proceedings of the Third European Conference on Genetic Programming EuroGP 2000 held in Scotland UK in April 2000 The 14 revised full papers presented together with 13 short papers were carefully reviewed and selected from a total of 39 submissions All relevant aspects of genetic programming are addressed ranging from theoretical and foundational issues to applications in a variety of fields such as automatic design pattern recognition robotic control music and image processing and symbolic regression **Genetic Programming**, 2004 Toward a Science of Consciousness II Stuart R. Hameroff, Alfred W. Kaszniak, Alwyn Scott, 1998 This text originates from the second of two conferences discussing the concept of consciousness In 15 sections this book demonstrates the broad range of fields now focusing on consciousness Soft Computing in Engineering Design and

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Genetic Programming Gisele Pappa, Mario Giacobini, Zdenek Vasicek, 2023-03-28 This book constitutes the refereed proceedings of the 26th European Conference on Genetic Programming EuroGP 2023 held as part of EvoStar 2023 in Brno Czech Republic during April 12-14 2023 and co-located with the EvoStar events EvoCOP EvoMUSART and EvoApplications The 14 revised full papers and 8 short papers presented in this book were carefully reviewed and selected from 38 submissions The wide range of topics in this volume reflects the current state of research in the field The collection of papers cover topics including developing new variants of GP algorithms for both optimization and machine learning problems as well as exploring GP to address complex real world problems

Encyclopedia of Computer Science and Technology Allen Kent, James G. Williams, 1998-08-26 Entity Identification to Virtual Reality in Driving Simulation

Genetic Programming James A. Foster, 2002-03-20 This book constitutes the refereed proceedings of the 5th European Conference on Genetic Programming EuroGP 2002 held in Kinsale Ireland in April 2002 The 18 revised full papers and 14 posters presented were carefully reviewed and selected from 42 submissions All current aspects of genetic programming and genetic algorithms are addressed ranging from theoretical and foundational

issues to applications in a variety of fields Genetic Programming Riccardo Poli, Wolfgang Banzhaf, William B. Langdon, Julian F. Miller, Peter Nordin, Terence C. Fogarty, 2000-03-29 This volume contains the proceedings of EuroGP 2000 the European Conference on Genetic Programming held in Edinburgh on the 15th and 16th April 2000 This event was the third in a series which started with the two European workshops EuroGP 98 held in Paris in April 1998 and EuroGP 99 held in Gothenburg in May 1999 EuroGP 2000 was held in conjunction with EvoWorkshops 2000 17th April and ICES 2000 17th 19th April Genetic Programming GP is a growing branch of Evolutionary Computation in which the structures in the population being evolved are computer programs GP has been applied successfully to a large number of difficult problems like automatic design pattern recognition robotic control synthesis of neural networks symbolic regression music and picture generation biomedical applications etc In recent years even human competitive results have been achieved by a number of groups EuroGP 2000 the first evolutionary computation conference of the new millennium was the biggest event devoted to genetic programming to be held in Europe in 2000 It was a high quality conference where state of the art work on the theory of GP and applications of GP to real world problems was presented *Genetic Programming* Riccardo Poli, Wolfgang Banzhaf, William B. Langdon, Julian F. Miller, Peter Nordin, Terence C. Fogarty, 2004-05-24 This volume contains the proceedings of EuroGP 2000 the European Conference on Genetic Programming held in Edinburgh on the 15th and 16th April 2000 This event was the third in a series which started with the two European workshops EuroGP 98 held in Paris in April 1998 and EuroGP 99 held in Gothenburg in May 1999 EuroGP 2000 was held in conjunction with EvoWorkshops 2000 17th April and ICES 2000 17th 19th April Genetic Programming GP is a growing branch of Evolutionary Computation in which the structures in the population being evolved are computer programs GP has been applied successfully to a large number of difficult problems like automatic design pattern recognition robotic control synthesis of neural networks symbolic regression music and picture generation biomedical applications etc In recent years even human competitive results have been achieved by a number of groups EuroGP 2000 the first evolutionary computation conference of the new millennium was the biggest event devoted to genetic programming to be held in Europe in 2000 It was a high quality conference where state of the art work on the theory of GP and applications of GP to real world problems was presented **Applications and Science of Neural Networks, Fuzzy Systems, and Evolutionary Computation II** Bruno Bosacchi, David B. Fogel, James C. Bezdek, 1999 Genetic Programming, 1995 **Genetic Programming** Krzysztof Krawiec, Alberto Moraglio, Ting Hu, A. Sima Etaner-Uyar, Bin Hu, 2013-03-14 This book constitutes the refereed proceedings of the 16th European Conference on Genetic Programming EuroGP 2013 held in Vienna Austria in April 2013 co located with the Evo 2013 events EvoMUSART EvoCOP EvoBIO and EvoApplications The 18 revised full papers presented together with 5 poster papers were carefully reviewed and selected from 47 submissions The wide range of topics in this volume reflects the current state of research in the field including different genres of GP tree based linear grammar based Cartesian theory novel operators and applications

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