

Message from the Organizers of IWLCS 2012



Since Learning Classifier Systems (LCSs) were introduced by Holland (1976, 1978) with the aim of creating cognitive systems which used evolutionary computation to learn a given task by interacting with its environment, the LCS paradigm has broadened greatly into a framework encompassing many representations, rule discovery mechanisms, and credit assignment schemes. LCSs are a very active area of research, with interesting, newer approaches that have shown not only to be competitive with respect to state-of-the-art machine learning techniques, but also to be very flexible approaches capable of solving a wide variety of real-world

problems that range from data mining to automated innovation and online control.

The International Workshop on Learning Classifier Systems was initiated in 1992 at the NASA Johnson Space Center in Houston, Texas. Then, since 1999 the workshop has been held yearly in conjunction with PPSN in 2000 and 2002 and with GECCO in 1999, 2001 and from 2003 to 2010.



The workshop aims at bringing together researchers in Learning Classifier Systems and at providing a forum for researchers to discuss recent developments and future challenges of LCSs. We wish to thank all the members of the program committee and of the advisory committee for their help and support. We wish you will enjoy the 15th edition of the International Workshop on Learning Classifier Systems.

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IWLCS 2012 Organization

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