International Workshop on Learning Classifier Systems (IWLCS)

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Learning classifier systems are a machine learning paradigm introduced by John Holland in 1976. They are rule-based systems in which learning is viewed as a process of ongoing adaptation to a partially unknown environment through genetic algorithms and temporal difference learning. From the very beginning, learning classifier systems have attracted the interest of researchers in many different areas, ranging from the design of gas pipelines to personal internet agents, and including cognitive science, data mining, economic trading agents, and autonomous robotics. Every year, since 1999, the international workshop on learning classifier systems (IWLCS) is held to bring together researchers from from many different areas who share a common interest in this machine learning paradigms. This held during GECCO2004 is the seventh of the series. As a tradition the IWLCS workshop favors the discussion rather the plain paper presentation and includes a final informal discussion regarding presentations and future research directions in learning classifier systems research.

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