
Editorial

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It is my great honour to publish the inaugural issue of the International *Journal of Reasoning-based Intelligent Systems (IJRIS)* by Inderscience Publishers.

Recently, all kinds of artificial systems have become more and more complicated, therefore, we need to develop tractable theoretical foundation of systems in order to make them more intelligent.

Mechanical reasoning systems such as logical theorem proving system have been widely recognised to be the theoretical foundation for intelligent systems and they have found various applications in aspects of the subjects, hardware, software engineering, knowledge-based engineering, computational intelligence, etc. On the other hand, we still have various kinds of informal reasoning, which have not been systematised yet and could be applied for developing the theoretical foundation of intelligent systems.

This journal is an interdisciplinary forum that publishes original and significant work related to intelligent systems based on all kinds of formal and informal reasoning. Intelligent systems imply any system that can do systematised reasoning, including automated and heuristic reasoning. The spectrum of topics ranges from theoretical aspects to practical applications of intelligent systems, especially those focused on logic-based reasoning systems. Another purpose of the journal is to uncover hidden logics that have not yet been systematised but which are applicable to intelligent systems. The journal would welcome new non-classical reasoning papers of this nature. I hope that the *Journal of Reasoning-based Intelligent System* will serve as a communication instrument between various researchers who are standing in different areas.