15th Anniversary of

ADUIS

ASSOCIATION OF DEVELOPERS AND USERS OF INTELLIGENT SYSTEMS

ADUIS consists of about one hundred members including ten collective members. The Association was founded in Ukraine in 1992. The main aim of *ADUIS* is to contribute to the development and application of the artificial intelligence methods and techniques. The efforts of scientists engaged in *ADUIS* are concentrated on the following problems: expert system design; knowledge engineering; knowledge discovery; planning and decision making systems; cognitive models designing; human-computer interaction; natural language processing; methodological and philosophical foundations of AI.

Association has long-term experience in collaboration with teams, working in different fields of *research and development*. Methods and programs created in Association were used for revealing regularities, which characterize chemical compounds and materials with desired properties. Some thousands of high precise prognoses have been done in collaboration with chemists and material scientists of Russia and USA.

Association can help *businessmen* to find out conditions for successful investment taking into account region or field peculiarities as well as to reveal user's requirements on technical characteristics of products being sold or manufactured.

Physicians can be equipped with systems, which help in diagnosing or choosing treatment methods, in forming multi-parametric models that characterize health state of population in different regions or social groups.

Sociologists, politicians, managers can obtain the Association's help in creating generalized multi-parametric "portraits" of social groups, regions, enterprise groups. Such "portraits" can be used for prognostication of voting results, progress trends, and different consequences of decision making as well.

Association provides a useful guide in technical diagnostics, ecology, geology, and genetics.

ADUIS has at hand a broad range of high-efficiency original methods and program tools for solving analytical problems, such as knowledge discovery, classification, diagnostics, prognostication.

ADUIS unites the creative potential of highly skilled scientists and engineers

Since 1992 *ADUIS* holds regular conferences and workshops with wide participation of specialists in AI and users of intelligent systems. The proceedings of the conferences and workshops are published in scientific journals. *ADUIS* cooperates through its foreign members with organizations that work on AI problems in Russia, Byelarus, Moldova, Georgia, Bulgaria, Czechia, Germany, Great Britain, Hungary, Poland, etc. *ADUIS* is the collective member of the European Coordinating Committee for Artificial Intelligence (ECCAI).

Products developed by ADUIS: **Confor**: Tools for Knowledge Discovery, Classification, Diagnostics and Prediction; **Analogy**: Tools for Solving Problems on the Basis of Analogy; **Manager**: Tools for Decision Support Systems Design; **Discret**: Tool for Discretization of Numerical Data; **Gobsec**: The System for Investment Scheduling.

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