

About ...

## I J I T A

*Ten successful years !*

*Verba volant, scripta manent !*

*The progress in Information and Computer Sciences is fuelled by the results of research work and the accumulation of practical experience. The concept "Information Theories & Applications" (ITA) represents the synthesis of this knowledge. The field of ITA is progressing rapidly and is constantly creating new challenges for professionals involved in it.*

*It is clear that there is continuing need for international forums for exchange of knowledge, experience and creative inspiration among ITA professionals in order to share and stimulate solutions.*

*The "International Journal on Information Theories and Applications" (IJ ITA) has been established as an independent scientific media in 1993.*

*IJ ITA is a successor of the scientific co-operation organised within 1986-1992 by international workgroups (IWG) researching the problems of data bases and artificial intelligence. As a result of tight relation between these problems in 1990 in Budapest appeared the scientific group of Data Base Intellectualisation (IWGDBI) integrating the possibilities of databases with the creative process support tools.*

*Heads of the IWGDBI are R.Kirkova (Bulgaria) and V.Gladun (Ukraine).*

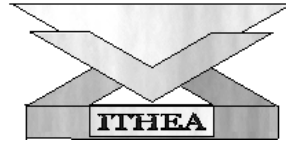
*Founder and Editor in chief of IJ ITA is Krassimir Markov.*

*During the years main co-editors of IJ ITA have been V.Gladun, R.Kirkova, P.Barnev, and Kr.Ivanova. The IJ ITA International Editorial Staff also includes the members of the IJ ITA International Conferences Program Committees.*

*IJ ITA Publisher is FOI-COMMERCE Co., Sofia, Bulgaria.*

*For ten years IJ ITA became as well-known international journal. Till now, including this volume, more than 300 papers from more than 500 authors have been published. IJ ITA authors are widespread in 34 countries all over the world: Armenia, Belarus, Belgium, Bulgaria, Canada, Czech Republic, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Japan, Latvia, Lithuania, Mexico, Moldavia, Netherlands, Poland, Portugal, Romania, Russia, Scotland, Senegal, Spain, Sultanate of Oman, Turkey, UK, Ukraine, USA.*

## International Prize "ITHEA"



*International Prize "ITHEA" has been established in 1995.  
It is aimed to mark achievements in the field of  
the information theories and applications.*

### Awarded Scientists till 2003:

1995	Sandansky	K. Bankov, P. Barnev, G. Gargov, V. Gladun, R. Kirkova, S. Lazarov, S. Pironkov, V. Tomov
1996	Sofia	T. Hinova, K. Ivanova, I. Mitov, D. Shishkov, N. Vashchenko
1997	Yalta	Z. Rabinovich, V. Sgurev, A. Timofeev, A. Voloshin
1998	Sofia	V. Jotsov
1999	Sofia	L. Zainutdinova
2000	Varna	I. Arefiev, A. Palagin
2001	St.Peterburg	N. Ivanova, V. Koval
2002	Primorsko	A. Milani, M. Mintchev
2003	Varna	T. Gavrilova, A. Eskenazi, V. Lozovskiy, P. Stanchev

**IJ ITA major topics of interest include, but are not limited to:**

### INFORMATION THEORIES

<i>Artificial intelligence</i>	<i>General Information Theory</i>
<i>Computer Intellectualisation</i>	<i>Hyper technologies</i>
<i>Intelligent Networks and Agents</i>	<i>Information models</i>
<i>Intelligent Technologies</i>	<i>Intellectualisation of data processing</i>
<i>Knowledge discovery and Engineering</i>	<i>Knowledge-based society</i>
<i>Knowledge acquisition and formation</i>	<i>Logical Inference</i>
<i>Distributed artificial intelligence</i>	<i>Natural language processing</i>
<i>Models of plausible reasoning</i>	<i>Neuroinformatics</i>
<i>AI Planning and Scheduling</i>	<i>Philosophy and Methodology of</i>
<i>Business Informatics</i>	<i>Informatics</i>
<i>Cognitive science</i>	<i>Software engineering and Quality of the</i>
<i>Decision making</i>	<i>programs</i>
<i>Education informatics</i>	<i>Theory of Computation</i>

### APPLICATIONS

<i>Business information systems</i>	<i>Pyramidal information systems</i>
<i>Communication systems</i>	<i>Special information systems</i>
<i>Intelligent information systems</i>	<i>System for computer art and music</i>
<i>Multimedia systems</i>	<i>Very large information systems</i>
<i>Program systems with artificial intelligence</i>	