

ITHEA International Scientific Society



ITA 2011

Joint International Scientific Events on Informatics

*June 20 - July 03, 2011, Varna, Bulgaria
September - October, 2011, Ukraine, Poland, Spain,
www.ithea.org*

ITA 2011 is supported by:



ITHEA International Journal
"Information Theories and Applications"

ITHEA International Journal
"Information Technologies and Knowledge"

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ITA 2011 Main Scientific Events

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i³i 2011

Second International Conference
Information - Interaction – Intellect



CFDM 2011

Third International Conference
Classification, Forecasting, Data Mining



i.Tech 2011

IX-th International Conference
Information Research and Applications



GIT 2011

IX-th International Conference
General Information Theory



MeL 2011

VI-th International Conference
Modern (e-) Learning



KDS 2011

XVII-th International Conference
Knowledge - Dialogue – Solution



INFOS 2011

IV-th International Conference
Intelligent Information and Engineering Systems



CML 2011

XIII-th International Conference
Cognitive Modeling in Linguistics



NIT 2011

Second International Conference
Natural Information Technologies



ISSI 2011

IV-th International Summer School on
Informatics



ITHEA[®] International Scientific Society

ITHEA[®] International Scientific Society (ITHEA[®] ISS) is aimed to support growing collaboration between scientists from all over the world.

ITHEA[®] ISS is a successor of the international scientific co-operation organized within 1986-1992 by international workgroups (**IWG**) researching the problems of databases and artificial intelligence. Because of tight relation between these problems in 1990 in Budapest appeared the international scientific group of Data Base Intellectualization (**IWGDBI**) integrating the possibilities of databases with the creative process support tools. The leaders of the IWGDBI were Prof. Victor Gladun (Ukraine) and Prof. Romyana Kirkova (Bulgaria). Starting from 1992, the international scientific co-operation has been organized by the Association of Developers and Users of Intellectualized Systems (**ADUIS**), Ukraine. It has played a significant role for uniting the scientific community working in the area of the artificial intelligence.

To extend the possibilities for international scientific collaboration in all directions of informatics by wide range of concrete activities, in 2002 year, the Institute for Information Theories and Applications FOI ITHEA[®] (**IITA FOI ITHEA[®]**) has been established as an international nongovernmental organization. It is aimed to support international scientific research through international scientific projects, workshops, conferences, journals, book series, etc.

The achieved results are remarkable. IITA FOI ITHEA[®] became worldwide known scientific organization. One of the main its activities is building the ITHEA[®] International Scientific Society aimed to unite researches from all over the world who are working in the area of informatics.

Till the beginning of 2011 year, the **ITHEA[®] International Scientific Society** was joined by more than **2700** members from **48** countries all over the world: *Armenia, Azerbaijan, Belarus, Brazil, Belgium, Bulgaria, Canada, China, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, India, Iran, Ireland, Israel, Italy, Japan, Jordan, Kyrgyz Republic, Latvia, Lithuania, Malaysia, Malta, Mexico, Moldova, Netherlands, Peru, Poland, Portugal, Romania, Russia, Scotland, Senegal, Serbia, Montenegro, Sweden, Spain, Sultanate of Oman, Turkey, UK, Ukraine, and USA.*

ITHEA[®] Publishing House (**ITHEA[®] PH**) is the official publisher of the works of the ITHEA[®] ISS. The scope of the issues of the ITHEA[®] ISS covers the area of Informatics and, in particular, Computer Science. ITHEA[®] PH welcomes scientific papers and books connected with any information theory or its application.

ITHEA[®] ISS has two International Journals, established as independent scientific printed and electronic media, published by ITHEA[®] Publishing House:

- **International Journal "Information Theories and Applications" (IJ ITA)**, since 1993
- **International Journal "Information Technologies and Knowledge" (IJ ITK)** since 2007.



Joint International Conferences **ITA 2011**
Summer Session
June 20 – July 02, 2011, Varna, Bulgaria

Ver. 20.06.2011

Every year, ITHEA® ISS organizes many scientific events called “**ITHEA® ISS Joint International Events of Informatics**” (**ITA**). For the first 10 years of the XXI century, ITHEA® ISS has organized **64** International Conferences and workshops and has published **44** scientific books.

All publications of ITHEA® ISS are accessible freely via ITHEA® Digital Repository (IDR) www.ithea.org. Starting from 2011, a new electronic ITHEA® ISS **International Review Journal “Information research and Engineering”** will be published. It will be based on the IDR and all reviewed articles will be accessible freely by it. All members of ITHEA® ISS are invited to submit reviews.

Submission of articles can be done for all:

- International Conferences via ITHEA® Conference system (<http://ita.ithea.org>).
- International Journals via ITHEA® Journal system (<http://ij.thea.org>).

ITHEA® ISS has organized its scientific events in collaboration with:

- Association of Developers and Users of Intelligent Systems (Ukraine)
- V.M.Glushkov Institute of Cybernetics of NASU (Ukraine)
- Dorodnicyn Computing Centre of the Russian Academy of Sciences (Russia)
- Institute for Informatics and Automation Problems, NAS RA (Armenia)
- Institute of Linguistics, Russian Academy of Sciences (Russia)
- Institute of Mathematics and Informatics, BAS (Bulgaria)
- Institute of Mathematics of SD RAN (Russia)
- Alexandru Ioan Cuza University (Romania)
- Astrakhan State University (Russia)
- BenGurion University (Israel)
- Kazan State University (Russia)
- Kharkiv National University of Radio Electronics (Ukraine)
- Moscow State Linguistic University (Russia)
- New Bulgarian University (Bulgaria)
- Perm Branch of the State University – Higher School of Economics (Russia)
- Rzeszow University of Technology (Poland)
- Taras Shevchenko National University of Kiev (Ukraine)
- Universidad Politecnica de Madrid (Spain)
- University of Calgary (Canada)
- University of Hasselt (Belgium)

as well as many other scientific organizations.

The great success of ITHEA® International Journals, Books, and Conferences belongs to the whole of the **ITHEA® International Scientific Society**.

Membership in ITHEA® ISS is free. More information may be obtained from www.ithea.org .

June 2011



Sunday - 19.06.2011 - Воскресение

18:00-19:30 Registration in front of the Conference Room

Monday - 20.06.2011 - Понедельник

10:00-13:00 *Opening Session* *Chair: Vitalii Velychko*
Working language: Russian

10:00 *ITHEA International Scientific Society - One Year Report*
Krassimir Markov

10:30 *Содержание некоторых этапов системного анализа и синтеза*
(продолжение «Методологического меморандума» – часть III)
Анатолий Крисилов

11:00 *Adaptive Neuro-Fuzzy Kohonen Network With Variable Fuzzifier*
Yevgeniy Bodyanskiy, Bogdan Kolchygin, Iryna Pliss

11:30 *B r e a k*

12:00 *Симметрия в записи генетической информации в ДНК*
Анатолий Гупал, Александра Вагис

12:30 *Проблемы создания жизнеспособных интеллектуальных систем и*
методы их решения
Валерия Грибова, Александр Клещев

13:00-14:00 Registration in front of the Conference Room

14:00-16:00 L u n c h B r e a k

16:00-18:30 *Chair: Anatoliy Krissilov*
Working language: Russian

16:00 *Линейное оценивание параметров моделей финансовых временных*
рядов
Зайченко Ю.П., Мурга Н.А.

16:30 *Проектирование базы знаний для систем организационного*
управления
Баканова Н.Б., Обознов А.А., Баканов А.С.

17:00 *Построение нелинейных классификаторов в случае многих классов*
Ю.И. Журавлев, Ю. П. Лаптин, А.П. Виноградов

17:30 *Экспериментальное изучение целостности знаний студентов*
Евгений А. Еремин

18:00 *Digital Archive and Multimedia Library for Bulgarian Traditional Culture and*
Folklore
Radoslav Pavlov, Galina Bogdanova, Desislava Paneva-Marinova, Todor
Todorov, Konstantin Rangochev

18:30-19:30 Registration in front of the Conference Room



Tuesday - 21.06.2011 - Вторник

10:00-13:00	Chair: Yevgeniy Bodyanskiy <i>Working language: Russian</i>
10:00	<i>Terminological Annotation of the Document in a Retrieval Context on the Basis of Technologies of System "Ontointegrator"</i> <u>Olga Nevzorova, Vladimir Nevzorov</u>
10:30	<i>Групповой многокритериальный выбор вычислительных кластеров</i> <u>Алексей Петровский, Григорий Ройзензон</u>
11:00	<i>Принципы построения интегрированных систем мульти-агентной навигации и интеллектуального управления мехатронными роботами</i> <u>Тимофеев Адиль Васильевич, Юсупов Рафаэль Мидхатович</u>
11:30	<i>Break</i>
12:00	<i>Экспертные модели многокритериальной оптимизации</i> <u>Альберт Воронин</u>
12:30	<i>Многоосновные алгебры, абстрактные типы данных и трансфинитная рекурсия</i> <u>Кривый С.Л.</u>
13:00-14:00	Registration in front of the Conference Room
14:00-16:00	Lunch Break
16:00-18:00	Chair: Adil Timofeev <i>Working language: Russian</i>
16:00	<i>Учебно-методический комплекс дисциплины «Электрические машины» (Интернет-реализация)</i> <u>Евгений Забудский</u>
16:30	<i>Data Acquisition Systems for Precision Farming</i> <u>Oleksandr Palagin, Volodymyr Romanov, Igor Galelyuka, Vitalii Velychko, Volodymyr Hrusha, Oksana Galelyuka</u>
17:00	<i>Correlation Maximization in Regression Models Based on Convex Combinations</i> <u>Oleg Senko, Alexander Dokukin</u>
17:30	<i>Моделирование и оптимизация параметров региональных бюджетов</i> <u>Диана Омелянчик</u>
18:00	<i>Computer Simulation of MiMa Algorithm for Input Buffered Crossbar Switch</i> <u>Tasho Tashev, Tatiana Atanasova</u>
18:30-19:30	Registration in front of the Conference Room



Wednesday - 22.06.2011 - Среда

10:00-13:00	Chair: Anatoly Gupal <i>Working language: Russian</i>
10:00	<i>Evolving Cascade Neural Network Based on Multidimensional Epanechnikov's Kernels and its Learning Algorithm</i> <u>Yevgeniy Bodyanskiy</u> , Paul Grimm, Nataliya Teslenko
10:30	<i>Regions of Sufficiency for Metrical Data Retrieval</i> <u>Vladimir Mashtalir</u> , Konstantin Shcherbinin, Vladislav Shlyakhov, Elena Yegorova
11:00	<i>Selective Evolution Control Method for Evolution Strategies with Neural Network Metamodels</i> <u>Pavel Afonin</u>
11:30	<i>B r e a k</i>
12:00	<i>Нейросетевые алгоритмы поиска решения обратной задачи кинематики робота вертикального перемещения (РВП)</i> <u>Адиль Тимофеев</u> , Виктор Титов
12:30	<i>Модель виртуального мира мультимедиа тренажера для медицинского образования</i> <u>В.В. Грибова</u> , М.В. Петряева, Л.А. Федорищев, М.Ю. Черняховская
13:00-14:00	Registration in front of the Conference Room
14:00-16:00	L u n c h B r e a k
16:00-18:00	Chair: Valeriya Gribova <i>Working language: Russian</i>
16:00	<i>Применение нейронных сетей в рамках концепции "электронная таможня"</i> <u>Борис Мороз</u> , <u>Сергей Коноваленко</u>
16:30	<i>Модель динамики монетного обращения в средневековой Плиске</i> <u>Йордан Табов</u> , <u>Галина Панайотова</u>
17:00	<i>Towards Linguistics Analysis of the Bulgarian Folklore Domain</i> <u>Galina Bogdanova</u> , Konstantin Rangochev, <u>Desislava Paneva-Marinova</u> , Nikolay Noev
17:30	<i>Correlation Analysis of Educational Data Mining by Means a Postprocessor's Tool</i> <u>Georgi Teodorov</u> , <u>Oktay Kir</u> , <u>Irina Zheliazkova</u>
18:00	<i>Prediction of Educational Data Mining by Means of a Postprocessor Tool</i> <u>Oktay Kir</u> , <u>Irina Zheliazkova</u>
18:30-19:30	Registration in front of the Conference Room



Thursday - 23.06.2011 - Четверг

Excursion: Pliska – Madara - Preslav

(meeting point – at the reception of the hotel Panorama)

09:00



See more information at the pages 14 – 20

19:30

“ITA 2011 family photo” – at the reception of the hotel Panorama

20:00

ITHEA Gala Evening



Friday - 24.06.2011 - Пятница

10:00-13:00	Chair: Olga Nevzorova <i>Working language: Russian</i>
10:00	<i>Self-Organizing Routing Algorithm for Wireless Sensors Networks (WSN) Using Ant Colony Optimization (ACO) With Tinyos</i> <i>Nuria Gómez Blas, <u>Luis F. de Mingo</u>, Levon Aslanyan, Vladimir Ryazanov</i>
10:30	<i>Membranes Distribution Using Genetic Algorithms</i> <i><u>Miquel Àngel Peña</u>, Juan Castellanos</i>
11:00	<i>Cross Intersection Sequel Of Discrete Isoperimetry</i> <i><u>Levon Aslanyan</u>, Vilik Karakhanyan</i>
11:30	<i>B r e a k</i>
12:00	<i>Evaluation of Greedy Algorithm of Constructing (0,1)-Matrices With Different Rows1</i> <i><u>Hasmik Sahakyan</u>, Levon Aslanyan</i>
12:30	<i>Прогнозирование динамики пополнения фондов углеводов</i> <i><u>Михаил Стернин</u>, Геннадий Шепелев</i>
13:00-14:00	Registration in front of the Conference Room
14:00-16:00	<i>L u n c h B r e a k</i>
16:00-18:00	Chair: Galina Gaivorinskaya <i>Working language: Russian</i>
16:00	<i>Решение задачи автоматической сепарации фуллеренсодержащей суспензии</i> <i><u>А.В. Тимофеев</u>, П.Г. Иванов</i>
16:30	<i>Особенности применения оптических коммутаторов в современных информационных сетях</i> <i><u>Галина Гайворонская</u>, Александр Рябцов</i>
17:00	<i>Оценка чувствительности характеристик сетей доступа к вариациям прогнозируемых параметров</i> <i><u>Светлана Сахарова</u></i>
17:30	<i>Возможный подход к разработке модели трафика конвергентной телекоммуникационной сети</i> <i><u>Максим Соломицкий</u></i>
18:00	<i>Анализ интенсивности нагрузки на реальных телекоммуникационных сетях Юга Украины</i> <i><u>Илья Ганницкий</u></i>
18:30-19:30	Registration in front of the Conference Room



Saturday - 25.06.2011 - Събота

10:00-13:00	<i>Chair: Marcin J. Schroeder</i> <i>Working language: English</i>
10:00	<i>Knowledge Recombination on the Informational Adaptability of Cells, Nervous Systems, and Societies</i> <i><u>Pedro C. Marijuán</u></i>
11:00	<i>Emergent Information Some System-Theoretical Considerations About an Integrative Information Concept</i> <i><u>Wolfgang Hofkirchner</u></i>
12:00	<i>B r e a k</i>
12:30	<i>Logical Structure of Chromosomes</i> <i><u>Karl Javorszky</u></i>
13:30-14:00	Registration in front of the Conference Room
14:00-16:00	<i>L u n c h B r e a k</i>
16:00-19:30	<i>Chair: Wolfgang Hofkirchner</i> <i>Working language: English</i>
16:00	<i>Information as a Natural and Social Operator</i> <i><u>Joseph E. Brenner</u> and Mark Burgin</i>
17:00	<i>Discrete Artificial Intelligence Problems and Number of Steps of Their Solution</i> <i><u>Tatiana Kosovskaya</u></i>
18:00	<i>B r e a k</i>
18:30	<i>Artificial Intelligence and Unresolved Scientific Problems</i> <i><u>Alexander V. Sosnitsky</u></i>



Sunday - 26.06.2011 - Воскресение

10:00-13:00	<i>Chair: Vitaliy Lozovski</i> <i>Working language: English</i>
10:00	<i>Wu Kun and the Metaphilosophy of Information</i> <u>Joseph E. Brenner</u>
11:00	<i>From Philosophy to Theory of Information</i> <u>Marcin J. Schroeder</u>
12:00	<i>B r e a k</i>
12:30	<i>God-ics. on Fundamental Information Field Quest</i> <u>Vitaliy Lozovski</u>
13:30-16:00	<i>L u n c h B r e a k</i>
16:00-17:00	<i>Chair: Joseph E. Brenner</i> <i>Working language: English</i>
16:00	<i>About the General Information Theory</i> <u>Krassimir Markov</u>
17:00-18:30	<i>Discussion "Foundations of Information Science: What to Expect?"</i> <i>Working language: English</i> <i>Moderator: Pedro C. Marijuán</i>



Monday - 27.06.2010 - Понедельник

10:00-13:30	Chair: Jurii Zaichenko <i>Working language: Russian</i>
10:00	Анализ конечно малых <u>А. Волошин, В. Кудин</u> Евклидовы пространства числовых векторов и матриц: конструктивные методы описания базовых структур и их использование
10:30	<u>Владимир Донченко</u> Indirect Approach of Determination of Collective Alternative Ranking on the Basis of Fuzzy Expert Judgements
11:00	<u>Pavlo P. Antosiak, Oleksij F. Voloshin</u>
11:30	<i>B r e a k</i>
12:00	Environmental Risk Assessment Using Geospatial Data and Intelligent Methods <u>Nataliia Kussul, Sergii Skakun, Oleksii Kravchenko</u>
12:30	Распределенная информационная система агромониторинга <u>Андрей Шелестов, Наталья Морзе, Ольга Куссуль, Юлия Грипич</u>
13:00-14:00	Registration in front of the Conference Room
13:00-16:00	<i>L u n c h B r e a k</i>
16:00-17:30	Chair: Olexei Voloshyn <i>Working language: Russian</i>
16:00	Модель извлечения знаний из неструктурированных документов корпоративной информационной системы <u>Нина Хайрова, Наталья Шаронова</u>
16:30	Исследование многокритериальной задачи оптимизации инвестиционного портфеля в нечетких условиях <u>Малихех Есфандиярфард, Юрий Зайченко, Ови Нафас Агаи Аз Гамиш</u>
17:00	Распознавание зданий на спутниковых снимках сверхвысокого разрешения <u>Светлана Дьяконова</u>
17:30	Онлайн распознавание рукописных математических формул <u>Надеран Эдрис</u>
18:00	<i>B r e a k</i>
18:30-19:30	Discussion "Формализация слабоструктурированных объектов и процессов " <i>Working language: Russian</i> Moderator: Anatoliy Krissilov



Tuesday - 28.06.2011 - Вторник

10:00-13:00 *Work Meeting – Project “ITHEA XXI – 2011” :
“Pyramidal Clustering High-dimensional Data”*

Working language: Russian

13:00-17:00 *Lunch Break*

17:00-19:00 *Discussion “Intelligent Support of Decision Making”*

Working language: Russian

Moderator: Olexei Voloshyn

Wednesday - 29.06.2011 - Среда

10:00-13:00 *Work Meeting – Project “ITHEA XXI – 2011” :
“Pyramidal Clustering High-dimensional Data”*

Working language: Russian

13:00-17:00 *Lunch Break*

17:00-19:00 *Discussion “Mathematics of Distances and Applications”*

Working language: Russian

Moderator: Volodimir Donchenko



Thursday - 30.06.2011 - Четверг

10:00-13:30	Chair: Krassimir Markov <i>Working language: English and Russian</i>
10:00	<i>Design, Implementation, and Testing of a Miniature Self-Stabilizing Capsule Endoscope With Wireless Image Transmission Capabilities.</i> <u>Dobromir Filip</u> , OrlyYadid-Pecht, Christopher N. Andrews, and Martin P. Mintchev
10:30	<i>Методы и алгоритмы обнаружения объектов для системы управления промышленной безопасностью в рамках концепции создания комплексной АСУ газотранспортной компанией</i> <u>Белоус Н.В.</u> , Борисенко В.П., Пономарев Ю.В., Борисенко И.В.
11:00	<i>Интеграция гетерогенных источников данных на основе рекурсивной декомпозиции</i> <u>Алексей Кашников</u> , <u>Людмила Лядова</u>
11:30	<i>Break</i>
12:00	<i>Информационно-аналитическая система поддержки управления рисками в региональных производственных комплексах</i> <u>Галина Кутергина</u> , <u>Людмила Лядова</u> , <u>Наталья Фролова</u>
12:30	<i>Алгоритм синхронизации объектов распределенной имитационной модели в triiad.Net</i> <u>Елена Замятина</u> , <u>Сергей Ермаков</u>
13:00	<i>Cognitive Modelling as the Instrument in the Course of Knowledge of Large System</i> <u>Galina Gorelova</u>
13:00-16:00	Lunch Break
16:00-17:30	ISSI Final Discussion: "How to Write Good Papers" Chair: Vitalii Velychko <i>Working language: Russian</i>
17:30	<i>Break</i>
18:00-19:00	ITA Summer Session Closing Discussion: "ITHEA : Science and Publishing" <i>Working language: Russian</i> Moderator: Krassimir Markov



Friday - 01.07.2011 - Пятница

10:00-18:00 *Work Meeting – Project “ITHEA XXI – 2011” :
“Pyramidal Clustering High-dimensional Data”*
Working language: Russian

Saturday - 02.07.2011 - Суббота

10:00-18:00 *Work Meeting – Project “ITHEA XXI – 2011” :
“Pyramidal Clustering High-dimensional Data”*
Working language: Russian

Sunday - 03.07.2011 - Воскресение

12:00 *Departure*



Information for the excursion: Pliska – Madara - Preslav

(Source: Wikipedia)

PLISKA

Pliska (Bulgarian: Плиска, Old Church Slavonic: Пльсковъ, romanized: *Plsk ovŭ*) is the name of both the first capital of Danubian Bulgaria (the First Bulgarian Empire) and a small town (a former village known as Aboba) which was renamed after the historical Pliska after its site was determined and excavations began.

Pliska was the capital of Bulgaria between 681 and 893 AD. According to a Bulgarian chronicle, it was founded by Khan Asparukh. It is called Pliskusa by Georgios Kedrenos and Anna Comnena. It had an area of 23 km² and was surrounded by a moat and earthwork ramparts. The walls of the inner fortress were 2.6 meters thick and about 12 meters high.

Pliska was sacked by the Byzantine army in 811, but the invaders were soon driven out by Khan Krum (see Battle of Pliska). In 886, Boris I founded the Pliska Literary School (after 893 Preslav Literary School), which was headed by Naum of Preslav.

In 892, the city became the scene of a pagan revolt led by King Vladimir. After the crushing of the revolt, Vladimir was dethroned and the third son of Boris I, Simeon, was installed into power during the Council of Preslav. One of the first steps of the new ruler was to move the capital to Preslav, a fortified town in the vicinity of Pliska, probably because of the steadily strong pagan influence in the old capital.

The importance of Pliska gradually waned throughout the 10th century with the concentration of power and resources in Preslav. The city was destroyed during the assaults of the Kievan Rus' and the Byzantine Empire between 969 and 972 and was not rebuilt again. The ruins of the city of Pliska lie 3 km north of the modern village of Pliska. The site of the city is currently a National Archaeological Reserve. Ruins of the Great and the Small Palace, the strong stone fortifications and the Great Basilica (c. 875), one of the largest Christian places of worship of its time, used both as a royal church and as a national patriarchal cathedral, can be seen in the reserve.

Pliska Ridge on Livingston Island in the South Shetland Islands, Antarctica is named after Pliska.







PRESLAV

Preslav (Bulgarian: Преслав) was the capital of the First Bulgarian Empire from 893 to 972 and one of the most important cities of medieval Southeastern Europe. The ruins of the city are situated in modern northeastern Bulgaria, some 20 kilometres southwest of the regional capital of Shumen, and are currently a national archaeological reserve.

The modern Veliki Preslav (Bulgarian: Велики Преслав, "Great Preslav") is a town and the seat of government of the municipality (obshtina) of the same name, which in turn is part of Shumen Province. A former village, it assumed the name of the medieval capital in 1878 and became a town in 1883. As of December 2009, it has a population of 8,951 inhabitants.

The name of Preslav is of Slavic origin; apparently it was initially founded and functioned as a Slavic settlement until its fortification at the beginning of the 9th century. The proximity to the then Bulgarian capital of Pliska led to the fast development and expansion of Preslav during the reign of the Khans Krum and Omurtag. By the time of the coronation of Khan Boris I in 852, Preslav had turned into an important strategic military centre and was the seat of the Ichirgu-boil. A number of churches were built in the city after the conversion of the Bulgarians to Christianity in 864.

The pagan revolt of the Pliska nobility led by Prince Vladimir in 892 was decisive for the future destiny of the city. In 893 Vladimir was dethroned and during the Council of Preslav Boris I, pointed Simeon the Great as his successor and decided to move the capital of the state from the still somewhat pagan Pliska to Preslav. In the following 80 years the city developed rapidly, turning into a centre not only of Bulgarian politics and diplomacy, but also of culture, literature and the fine arts. A chronicler mentioned that it took Simeon 28 years to establish and build up his new capital. Archeological excavations have, however, proved that the city continued to develop also during the 930s and 940s and reached the peak in its growth and magnificence in the middle of the rule of Tsar Peter I of Bulgaria.

In view of the impressive town planning, the vital economy and the grandeur of buildings like the Round Church and the Royal Palace, Preslav was a true rival of the largest and most important city centres in the western hemisphere. Culturally, it was the centre of the Preslav Literary School which was founded in Pliska in 886 and was moved to Preslav along with the rest of the court in 893. The greatest Bulgarian writers from the Old Bulgarian period worked in Preslav, among them John Exarch, Constantine of Preslav, Chernorizets Hrabar. It was probably around the Preslav Literary School that the Cyrillic alphabet developed in middle of the 10th century. The city had also large ceramic workshops which produced art ceramics, glazed tiles, as well as ceramic icons and iconostases.

The city's fortune underwent a dramatic downturn at the end of the 960s, when it was occupied by Kievan Prince Sviatoslav. The ensuing war between Ruthenians and Byzantines left the city burnt and ravaged by the army of Byzantine Emperor John I Tzimisce. The conquerors took away the treasury, the Bulgarian Tsar's regalia and a large part of the library of Simeon. Although the city did not lose its importance in the next three hundred years, the neighbouring outskirts and the big monasteries became desolate, the economy lost its vitality and significance.

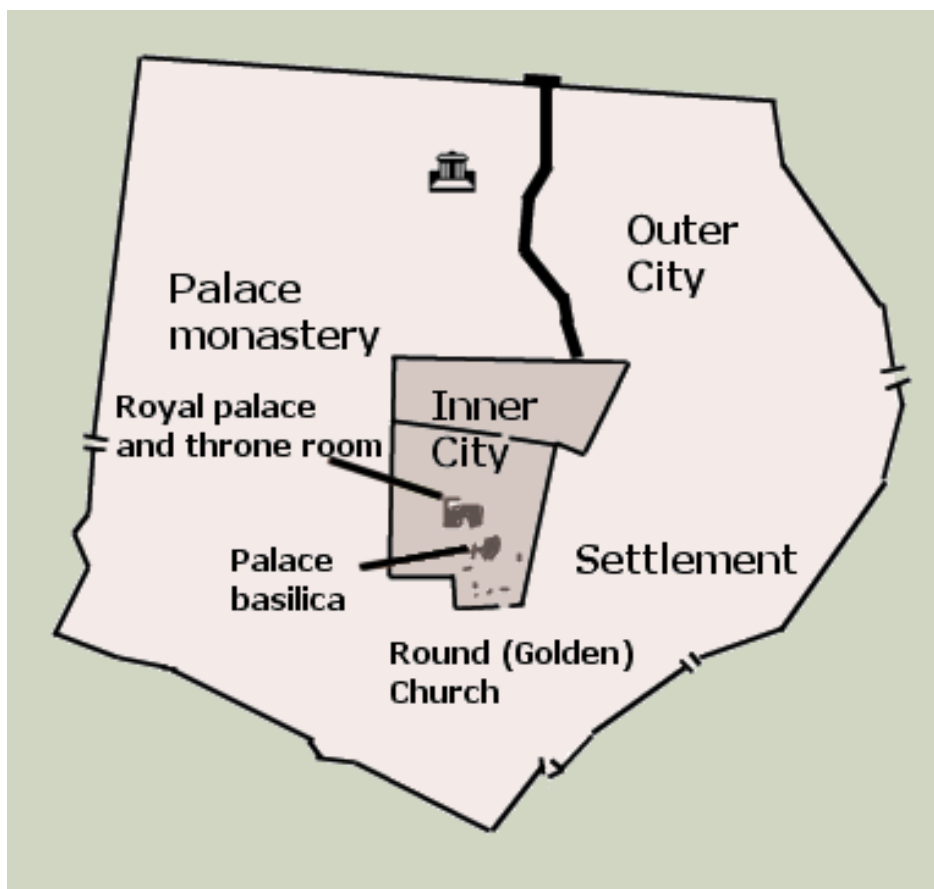
Preslav regained some of its importance in Bulgarian politics during the first years of the joint rule of the founders of the Second Bulgarian Empire, Peter IV of Bulgaria and Ivan Asen I. Apparently, Ivan Asen ruled from the centre of the uprising, Tarnovgrad,



whereas his brother and co-ruler Theodore Peter resided in Preslav as a symbol of the renewed statehood of Bulgaria. The strategic advantages of Tarnovgrad were, however, decisive in the long run and the significance of Preslav waned in the course of the 13th century. The Tatar raids during the 1270s drove away the last citizens of Preslav, along with the protothroned bishop of the city. Some of the surviving refugees built up a village of the same name only two kilometres north from the fortress where the contemporary town of Veliki Preslav is now situated.

Preslav Crag on Livingston Island in the South Shetland Islands, Antarctica is named after Preslav.







MADARA

Madara (Bulgarian: Мадара, pronounced [ˈmadərə]) is a village in northeastern Bulgaria, part of Shumen municipality, Shumen Province. Madara lies 15 kilometres (9.3 mi) east of the city of Shumen, at the western foot of the Madara plateau.

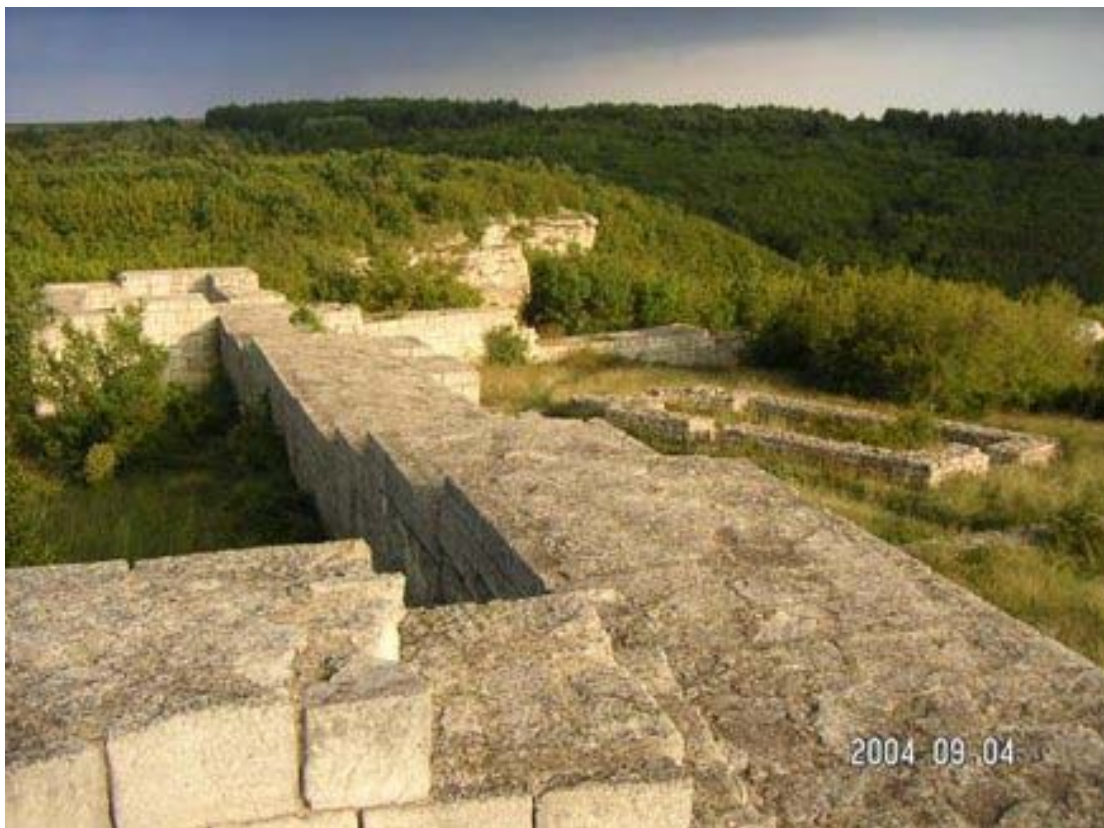
Madara is famous for the Madara National Historical and Archaeological Reserve 1.5 km (0.93 mi) east of the village, one of the 100 Tourist Sites of Bulgaria. The reserve includes Neolithic and Eneolithic findings, a Thracian settlement, Ancient Roman villa and fortress from the 2nd–5th century, medieval Bulgarian palace, pagan sanctuaries, Christian churches and monasteries and fortresses from the First Bulgarian Empire. There is also a cave monastery from the 12th–14th century. Most importantly, Madara is the location of the famous Madara Rider, an early medieval (early 8th-century) large rock relief carved by the Bulgars and also featuring several epigraphs of historic importance written in Medieval Greek; the relief most likely dates to the reign of Tervel of Bulgaria.

The archaeological reserve was first studied by the Hungarian archaeologist Géza Fehér and then by the Czech-Bulgarian Karel Škorpil and the Bulgarian Rafail Popov.

In medieval times, the village was a Bulgarian fortress named Matora. It was mentioned in Ottoman registers of 1481 as Matara. The modern village was founded by settlers from nearby Kyulevcha close to Kaspichan after the Liberation of Bulgaria; in the 1940s and 1950s, settlers from the Pirin and Sofia regions arrived.

The truck building works in Shumen are named Madara after the archaeological reserve.







**Important information for participants in ITA 2011, Varna, Bulgaria
Please read carefully!**

ITA 2011 Summer Session Hotel Prices in EURO and Leva

http://www.panoramahotel.bg/prices_eng.html

http://www.panoramahotel.bg/prices_bg.html



Welcome About the hotel The resort How to get here Hotel facilities **Prices** Contact us

PRICES

Dinner on a buffet form – 6.00 EURO for adult and 3.00 EURO for child till 12 years.

Prices Bed & Breakfast in EURO

	15.05 - 09.06 01.10 - 15.10	10.06 - 07.07 01.09 - 30.09	08.07 - 31.08
Sea view Double Room	25	28	30
Single room	20	24	27
Apartment	27	30	32

Concessions

- Children below 2 years are free
- Children between 2 and 12 years using a standard bed pay 50% of the adult price
- A child between 2 and 12 years using a supplementary bed in a room with two adults paying full price is free. A second child between 2 and 12 years using a supplementary bed in a room with two adults paying full price, pays 50% of the adult price.

ЦЕНИ

Ресторантът предлага вечеря на блок маса – 12.00 лв за възрастен, 6 лева за дете до 12 год.

ЦЕНИ за нощувка със закуска в лева

	15.05 - 09.06 01.10 - 15.10	10.06 - 07.07 01.09 - 30.09	08.07 - 31.08
Двойна стая - море	48	56	60
Единична стая – море	38	45	48
Апартамент	50	60	64

Намаления:

- Дете до 2г. не плаща и не ползва услуги.
- Дете от 2г. до 12г. на редовно легло плаща 50%.
- Дете до 12г. на допълнително легло при двама пълноплащащи - не плаща. Второ дете от 2г. до 12 г. на допълнително легло плаща 50%.



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Please read carefully!**

Travel to the conference

From Varna

The PANORAMA HOTEL is located less than 10 km by the way from Varna to the Golden Sands resort. Please, see the map http://www.panoramahotel.bg/get_eng.html.

The busses from Varna to Golden Sands (Zlatni pyasatsi): 9, 109, 209, 309, 409.

The name of the bus stop is "PANORAMA".

From Sofia

Besides the direct flight to Varna and/or the transfer flight from Sofia, there are two possible variants to get from Sofia to Varna:

- by train from the Central Railway Station: www.bdz.bg
- by bus from the Central Bus Station (right beside the Central Railway Station: www.centralnaavtogara.bg.)

In Sofia

The transportation from the Sofia Airport to the Central Railway Station and the Central Bus Station can be as follows: By bus – 84 or 284 from the Airport to "Hotel Pliska" stop, and then 213 or 214 to the Central Station.

Note: Luggage bigger than the average will require an extra ticket as well.
- shuttle-bus - from the airport to the station. The price is 1.50 BGN (possible additional taxes for the luggage).

- taxicab: **we do not recommend** to use this transport, or in case you do always check the prices on the stickers on the windows, because the foreigners especially are often offered incredibly high prices.

Medicines

We want to remind if you use some special medicines not to forget them.



**Important information for participants in ITA 2011, Varna, Bulgaria
Please read carefully!**

Caution!

Be careful with your money, documents and other important personal belongings.

Make sure you keep them safe with yourself, not putting them in your luggage, as you can easily become a victim of pickpockets or thieves otherwise.

Please be alert in the city public transport as well as in the bus/train when approached by strangers and never leave your baggage unattended.

Currency

The fixed official exchange rate: 1 EUR = 1.95583 BGN (leva).

In the change offices the exchange rate may vary from 1.9 to 1.95.

When you change money, please be careful when choosing the change office. At the airport usually the rates are not preferable.

Some change offices use on their front tables fixings which aren't used for the standard procedures – it might be for write the fixing on the front table, which is not the real rate for usual exchange (it may be the rate for checks or for exchanged amount more than 10,000 lv.). Please, always read the all the notices (usually written with smaller letters) and ask the clerk for the exact total you'll receive from the exchange.

We recommend exchanging not more than 50 EUR or USD at a time.

Contacts

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www.panoramahotel.bg



The picture is 1120m x 800m.

