ITHEA International Scientific Society

ITA 2020
XXII-nd Joint International Scientific Events on Informatics
www.itlea.org

Summer Session: June 28 - July 01, 2020
Hotel "KORAL" in the resort “St. Constantine & St. Helena”, Varna, Bulgaria

Papers from ITA 2020 will be published by:
The ITHEA International Journal
"Information Theories and Applications" (IJ ITA)
The ITHEA International Journal
"Information Technologies and Knowledge" (IJ ITK)
The ITHEA International Journal
"Information Models and Analyses" (IJ IMA)
The ITHEA International Journal
"Information Content and Processing" (IJ ICP)
The ITHEA International Book Series
“Information Science and Computing” (IBS ISC)
The ITHEA International Digital Library with
Referative Scientific Index (RSI)

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Association of Developers and Users of Intelligent Systems (ADUIS)
Institute of Information Theories and Applications FOI ITHEA (Bulgaria)
University of Telecommunications and Post, Sofia (Bulgaria)

in tight collaboration with:

- Spanish Network on Biomolecular and Biocellular Computing (Spain)
- National Academy of Sciences of Ukraine
- FIS Foundations of Information Science (Spain)

- V.M. Glushkov Institute of Cybernetics of NASU (Ukraine)
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- New Bulgarian University, Sofia (Bulgaria)
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- Rzeszow University of Technology (Poland)
- Educational-scientific complex “Institute for applied system analysis” (Ukraine)
- Kharkiv National University of Radio Electronics (Ukraine)
- Hasselt University (Belgium)
- University of Calgary (Canada)
- Ben-Gurion University (Israel)
- Astrakhan State University (Russia)
- Varna Free University “Chernorizets Hrabar” (Bulgaria)
- School of Information Technologies and Cybersecurity of V.S. Martinovsky Institute of Refrigeration Cryotechnologies and Ecoenergetics at Odessa National Academy of Food Technologies, (Ukraine)
**ITA 2020 Conferences**

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Deadlines for ITA 2020

For all summer session conferences:

January 31, 2020: reservation of hotel, submission of registration forms and visa application forms by e-mail: office@ithea.org and office@hit-tourism.com

February 29, 2020: submission of proposals for ISSI doctoral consortium by e-mail: office@ithea.org

March 31, 2020: submission of paper by the ITHEA ISS Submission Web System: http://ita.ithea.org submission of proposals for ISSI workshops by e-mail: office@ithea.org

April 15, 2020: notification of the paper acceptance by the ITHEA ISS Submission Web System notification of the workshop acceptance to authors e-mail

Manuscripts

ITHEA rules for preparing the manuscripts are compulsory. Responsibility for manuscripts published in ITHEA International Journals and Book Series belongs to authors. Please get permission to reprint any copyrighted material. Not acceptable manuscripts will be returned to authors with recommendations. After authors’ editing and refinement, if the manuscripts are reviewed positively, they will be published.

Manuscripts need to be formatted in DOC or TeX formats according the sample sheets given at:
- DOC template: http://www.ithea.org/conferences/ithea_doc_template.doc
- TeX template: http://www.ithea.org/conferences/ithea_tex_template.tex

Accepted manuscripts will be published by ITHEA® in the peer reviewed ITHEA International Journals:

- "Information Theories and Applications" (IJ ITA);
- "Information Technologies and Knowledge" (IJ ITK);
- “Information Models and Analyses” (IJ IMA);
- “Information Content and Processing” (IJ ICP).

Papers published by ITHEA as well as Abstracts in English of all works are freely available online at the ITHEA ISS International Digital Library and Indexing System: http://idr.ithea.org.

Submission

The camera-ready copy of the manuscript should be received by the ITHEA Conference Submission System (http://ita.ithea.org) or by the ITHEA Journal Submission System (http://ij.ithea.org); e-mail for questions: office@ithea.org.

Please observe the rules and deadlines!
Submit registration cards and visa forms to e-mail: office@ithea.org.

VISAS for ITA 2020

To receive Bulgarian visa for ITA 2020 Summer Session one has to have:
- Voucher from HIT-Tourism Tur Operator for hotel accommodation. Send your requests for hotel reservation to both e-mails: office@hit-tourism.com and office@ithea.org.
- Invitation letter from ITHEA. In order to obtain invitation letter, fill visa and registration forms and send them to office@ithea.org.
- Other documents that Bulgarian embassy in your country requires.

International passports must be valid at least six months after the conference time.
**Fees (including 20% VAT)**

Fees do not cover excursions and other social events.

**Registration Fee** is **EURO 360**.
Registration fee includes both *publication fee* and *participation fee* per one paper.

**Publication Fee** is **EURO 180** per paper.
Publication fee includes *only one exemplar* of the issue in which the paper has been published.

**Participation Fee** is **EURO 180** per paper.
Participation fee includes *participation* for one person and permits *presentation of one paper* without publishing and *access* to conference events including summer school and ITHEA Evening.

**Participation Fee for Doctoral Consortium** is **EURO 180** per presented PhD.
Participation fee for Doctoral Consortium includes *participation* for one PhD student and permits *presentation of one PhD* with afterward publishing and *access* to all conference events and ITHEA Evening.

**Participation Fee for International Summer School on Informatics** is **EURO 90** per student.
Participation fee for Internation Summer School on Informatics includes *participation* for one student with *access* to all conference events and ITHEA Evening.

**Accompanying Persons’ Fee** is **EURO 30**
Accompanying persons’ fee covers the organizing expenses and one ITHEA Evening.

**Additional exemplars**
One additional journal number costs **EURO 24**.
One additional book costs **EURO 48**.

**Post expenses:**
Please, note that the *fees do not include post expenses*.
Post expenses depend of destination but are not less than **EUR 24**.

**Contact for ITA 2019**: [office@ithea.org](mailto:office@ithea.org)
Accommodation for ITA 2020 Summer Session

HIT-Tourism Tour Operator, Varna, Bulgaria
Licence number: 04482
www.hit-tourism.com; e-mail: office@hit-tourism.com; +359 52 361 900; +359 89945185 Skype: hit_mira

ITA 2020 HOTELS WITH SPECIAL DISCOUNTS
Resort “St. Constantine & St. Helena”, Varna, Bulgaria

MAIN HOTELS

Hotel "KORAL ****", ITA 2020 Conference place, 400m far from sea
https://hotel-koral.com/

Hotel "Gloria ***, 300m far from sea; 100m far from ITA 2020 Conference place
http://gloria.golden-hotelbg.com/

Hotel "Rusalka ***, 300m far from sea; 100m far from ITA 2020 Conference place
http://www.hotelroussalka.com/

It is possible to book in every hotel in the resort as well as in Varna town using special discounts for ITA 2020 if one book via “HIT Tourism” Tour Operator.
Before using any booking system, please ask ITA 2020 for actual prices.
As a rule, Booking.com, as well as other booking systems, offers prices higher more than at least 15% than ours.

Additional HIT-Tourism Tour Operator discounts:
Payment to 31.01.19 - 15% discount from the special prices
Payment to 29.02.19 - 10% discount from the special prices

To use special hotels’ prices with additional discounts for all hotels, participants have to make reservation and payment only by HIT-Tourism Tour Operator.
Please send request for actual special prices to both addresses given below.

Send your requests for reservation and questions to both e-mails: office@hit-tourism.com and office@ithea.org.
If you not receive answer in a couple of days, please resend request!

Transfer airport - hotel:
– car (1-4 sits): EURO 24 per car in one direction;
– minivan (4-7 sits): EURO 30 per bus in one direction.
Applications under Android operating system for Tablet PCs and Smart phones about Varna

<table>
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<th>Application feature</th>
<th>Detailed information</th>
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<td><strong>Purpose</strong></td>
<td><strong>offline and online map of Varna</strong></td>
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<td><strong>Application description</strong></td>
<td>Application allows observing Varna map both in online and offline modes. Using online map one can do the next: 1. Add chosen objects into favorites 2. Add your key points to Varna map 3. Searching of objects 4. Routing defining</td>
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| **Purpose** | **Varna city guide following your interests** |
| **Application description** | This handy application presents you several self-guided walking tours to see the best of the Varna, Bulgaria, and it comes with detailed tour route maps and powerful navigation features to guide you from one sight to the next. No need to hop on a tour bus or join a tour group; now you can explore all of the best attractions on your own, at your own pace, and at a cost that is only a fraction of what you would normally pay for a guided tour. Walking tours included in this application are:  * Varna Orientation Tour (8 sights)  * Museums in Varna (7 sights)  * Religious Sights (7 sights)  * Shopping Tour (8 sights)  * Sea Garden Tour (8 sights)  * Varna Nightlife (8 sights)  * Daily Life in Varna (7 sights) |

| **Purpose** | **Good Bulgarian phrase-book** |
| **Application description** | Bulgarian phrasebook will help tourists in any situation. The program will be useful for beginners (Bulgarian learners). |

| **Purpose** | **Excellent Bulgarian phrase-book with pictures** |
| **Application description** | Bulgarian phrasebook when phrases are divided by topics. The program will be useful for starting communication in bulgarian. |

| **Purpose** | **Application opening Bulgaria with the heart** |
| **Application description** | Bulgarian nature sights and a lot of interesting and useful facts |
Important information for participants in ITA 2020, Varna, Bulgaria

Please read carefully!

1. Contacts
Mobile numbers of the Organizing committee to be used during conference time:
+359 878 89 07 07, +359 878 89 07 25

2. Travel to the conference
2.1. From Varna
The Hotel “KORAL” of the “St. Constantine and St. Helena” resort is located less than 7 km by the way from Varna to the “Golden Sands” resort.
From Varna Airport and Bus station: bus No.: 409 to bus stop “Botanical Garden” (Botanicheska gradina).
From Varna Town Center the busses are: No.: 8 to the Center of “St. Constantine and St. Helena” resort and No.: 9 to bus stop “Botanical Garden” (Botanicheska gradina).
Please, see the map on the next page.

2.2. 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)

2.3. In Sofia
The metropolitan line from the Sofia Airport to the Central Railway Station and the Central Bus Station is still under construction, so the transportation to these stations may be:
- 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 1.60 BGN (possible additional taxes for the luggage).
- Taxicab: we do not recommend using 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.

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

4. 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.

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.
Bus No. 409 from airport and bus No. 9 from Varna bus stop “Botanical Garden”

Bus No. 8 from Varna last stop

Resort “St. Constantine & St. Helena”

ITA 2020
Hotel “KORAL”

ITA 2020
Hotel “Gloria”

ITA 2020
Hotel “Rusalka”

50 m