



Palestine Polytechnic University

4th Palestinian International Conference on Computer and Information Technology PICCIT 2015

Hebron, Palestine, October 7-8, 2015

Conference and Workshops Program

| Time | Activities | |
|--|---|---|
| First Day - Wed 7/10/2015, PICCIT 2015 Conf. | | |
| 09:00 - 09:45 | Registration | |
| 09:45 - 11:00 | PICCIT 2015 Opening Session | |
| 11:00 - 12:00 | Keynote Speaker: Thies Wittig (Chair: Adnan Yahya) | |
| 12:00 - 12:30 | Break | |
| 12:30 - 01:30 | Keynote Speaker: Edward Jaser (Chair: Muna Mattar) | |
| 01:30 - 02:10 | Lunch | |
| 02:10 - 04:20 | Three Parallel Sessions: Session 1 + Session 2 + Session 3 | MED Dialog Awareness & Training Workshop |
| Second Day - Thu 8/10/2015, PICCIT 2015 Conf. | | |
| 08:30 - 09:00 | Registration | |
| 09:00 - 09:50 | Keynote Speaker: Jihad El-Sana (Chair: Nizar Awartani) | |
| 09:50 - 10:00 | Break | |
| 10:00 - 12:30 | E-Education Workshop | Computational Linguistics & Arabic Content Workshop (iArabic) |
| 12:30 - 02:20 | Session 1 | Session 2 |
| 02:20 - 02:50 | PICCIT 2015 Closing Session | |
| 02:50 - 03:50 | Lunch | |
| | | |

PICCIT 2015 1st Day: 7/10/2015

| Parallel Session 1: Networking and Security1 | | | |
|---|-------------------|--|-------------------------------------|
| Time:2:30-04:20 | Hall: C301 | | Chair:Bilal Amro |
| | ID | Title | Author names |
| Time: 2:30 – 2:45 | 175 | Data Leakage/Loss Prevention Systems DLP | Yousef Saleh, Radwan Tahboub |
| Time:2:50 – 3:05 | 165 | Detection and Mitigation Mechanism for Multiple Black Hole Attacks in Mobile Ad Hoc Networks | Abdul-Rahman Salem, Rushdi Hamamreh |
| Time:3:10 - 3:25 | 145 | Wait-Then-Migrate Fault Tolerance Approach using OpenNebula | Amal Dweik, Anas Amro |
| Time:3:30 – 3:45 | 126 | TCP performance paper | Rihabb Salamen, Mohammed Aldasht |
| Time:3:50 – 4:05 | 151 | Performance Comparison of Global State Routing and Fisheye State Routing Protocols in MANETs | Mohammad Mikki, Ahmad El-Samak |
| Session Discussion 04:05 – 04:20 | | | |

| Parallel Session 2:Artificail Intelligence and Bioinformatics | | | |
|--|------------------|---|--|
| Time:2:30-04:20 | Hall:C302 | | Chair:Muath Sabha |
| | ID | Title | Authors names |
| Time: 2:30 – 2:45 | 160 | Z-number Approaches | Derar Mraiziq |
| Time:2:50 – 3:05 | 162 | Using Genetic Algorithm for the Optimization of RadViz Dimension Arrangement Problem | Samah Badawi, Hashem Tamimi, Yaqoub Ashhab |
| Time:3:10 - 3:25 | 166 | Automating the Creation of Arabic Ontologies: A Preliminary Study | Amjad Hawash, Kamal Irshaid |
| Time:3:30 – 3:45 | 174 | Tumour delineation and diagnosis improvement in PET using anatomical information and wavelet transformation | Mousa Alrefaiyeh, AbdAlrahman Abu Ramouz |
| Time:3:50 – 4:05 | 153 | Feature Selection and Classification of Protein Data using Random Forest | Hani Qudsi, Hashem Tamimi, Yaqoub Ashhab |
| Session Discussion 04:05 – 04:20 | | | |

PICCIT 2015 1st Day: 7/10/2015

| Parallel Session3: E- Technology | | | |
|--|------------------|--|---|
| Time:2:30-04:20 | Hall:C303 | Chair:Labib Arafeh | |
| | ID | Title | Authors names |
| Time: 2:30 – 2:45 | 157 | Integrating VoIP Systems with The Internet of Things | Ghannam Aljabari |
| Time:2:50 – 3:05 | 163 | Raising Labor Productivity Through ICT: The Case of Palestine | Islam Abdeljawad, Rabeh Morrar, Mamunur Rashid |
| Time:3:10 - 3:25 | 154 | The Students' Portal of Ilmenau: A User Behaviour Model | Thomas Paul, Stephen Stephen, Hani Salah, Thorsten Strufe |
| Time:3:30 – 3:45 | 125 | Interventional Factors Affecting Instructors Adoption of e-Learning System In Palestine | Fareed Al-Sayyed, Baker Abdalhaq |
| Time:3:50 – 4:05 | 170 | Experiments study and Performance Evaluation to determine the block size for Digital Signature in Alchemi Cloud Computing. | Iyad Shaheen, Yousef Shaheen, Roba Shaheen |
| Session Discussion 04:05- 04:20 | | | |

PICCIT 2015 2nd Day: 8/10/2015

Time: 10:00 - 12:30

E-Education Work Shop In Cooperation with the Belgium Technical Cooperation (BTC)

Building C, Ground Floor, Bilal Amro Auditorium

| Time | Speaker | Title |
|------------------------|-----------------|---|
| 10:00 – 10:30 | Rashid Jayousi | Effective Utilization of ICT in Education - ELearning Project |
| 10:35 – 11: 05 | Tharwat Zaid | ICT Usage in the Classroom, Training Program for Schools |
| Break 11:05 – 11:20 | | |
| 11:20 – 11:35 | Labib Arafah | Quality of eLearning Systems |
| 11:35 – 11:50 | Nidal Jabari | The Adaptive Role in Mobile Learning |
| 11:55 – 12:30 | Mohammad Tamimi | Integrating Web 2.0 Technologies in Teaching and Learning |



PICCIT 2015 2nd Day: 8/10/2015

Time: 10:00 - 12:30

The 4th Palestinian Symposium on Computational Linguistics and Arabic Content (iArabic'2015)

Building C, 2nd Floor, VC Room

| Time | Speaker | Title |
|-----------------------------------|---|---|
| 10:00-10:20 | Adnan Yahya, Joint work with Ali Salhi, Afnan Ahmad, Khater, and Walaa Assaf | Quality Assessment of Arabic Web Documents |
| 10:20-10:40 | Mustafa Jarrar, Nizar Habash, Faeq Alrimawi, Diyam Akra | Curras: An Annotated Corpus for the Palestinian Arabic Dialect |
| 10:40-11:00 | Nabil Arman, Faisal Khamayseh, Ibrahim Nassar, Sari Jabarin | Utilizing Arabic Natural Language Processing Tools in Automated Software Engineering |
| Coffee Break 11:00-11:15 | | |
| 11:15-11:35 | Taroub Ahmad Mustafa. Sa'ed | Programming in Arabic |
| 11:35-11:55 | Rebhi S. Baraka , Mahmoud N. Askary | AgriDPalmOnto: An Ontology-Based Approach for Diagnosing Date Palm Diseases |
| 11:55-12:15 | Alaa M. El-Halees | Arabic Opinion Summarization |
| General Discussion 12:15-12:30 | | |

| Session 1: Networking and Security2 | | | |
|---|-------------------|---|--------------------------------|
| Time:12:30–2:20 | Hall: C301 | Chair:Yousef Abuzir | |
| | ID | Title | Authors names |
| Time: 12:30 – 12:45 | 177 | Security issues on Mobile Cloud Computing Frameworks based on Mobile Agents | Fida Warasna, Radwan Tahboub |
| Time:12:50 - 01:05 | 150 | A Survey: The Agent Based Routing Protocols In the Wireless Ad hoc Networks | Walaa Shawar, Amal Al-Dweik |
| Time: 01:10 - 01:25 | 155 | A New Approach for QOS Based Ant Colony Optimization Routing Protocol In MANETs (QOS-Based ACO) | Walaa Shawar, Amal Al-Dweik |
| Time: 01:30 - 01:45 | 167 | IRCFT Implementation and Results | Suzanne Sweiti, Amal Al. Dweik |
| Session Discussion 01:45 – 02:00 | | | |

| Parallel Session 2: Algorithms and Software Engineering | | | |
|--|------------------|---|---|
| Time:12:30–2:20 | Hall:C302 | Chair: Nizar Awartani | |
| | ID | Title | Authors names |
| Time: 12:30 – 12:45 | 124 | Communication Time in Extreme Programming Teams: A Controlled Case Study | Ali Al Jadaa, AbdAllah Karakra, Mohammad ZeinEddin, Abed Othman, Adel Taweel. |
| Time:12:50 - 01:05 | 164 | Comparison between Graph-Compression and Landmark Shortest-Path Approaches | Nabil Arman, Faisal Khamayseh |
| Time: 01:10 - 01:25 | 173 | A New Novel Approach Method for optimization of Feature Selection | Duha Al-Darras, Suhail Odeh, Henry Chaya |
| Time: 01:30 - 01:45 | 133 | Measuring visual activity in a video content based on computer vision temporal median algorithm | Kristian Dokic, Robert Idlbek, Mirjana Jelec Raguz |
| Time: 01:50 - 02:05 | 176 | HQB-ATTS | Bana AlSharif, Radwan Tahboub, Labib Arafeh |
| Session Discussion 02:05 – 02:20 | | | |