# Iran Section Report, July 2011
# For The 97th IEEE Region 8 Committee Meeting &
# The IEEE Sections Congress 2011 in San Francisco, CA, USA
# Aug. 18-22, 2011

## 1 - Latest Election results for Iran Section Board of Directors

| Section Officers: | | Election Date: | Term End Date: |
|---|---|---|---|
| • Chair: | Prof. Hamid Soltanian-Zadeh | January 2011 | December 2012 |
| • Vice Chair: | Prof. Behrooz Vahidi | January 2011 | December 2012 |
| • Secretary: | Dr. Amin Nobakhti | January 2011 | December 2012 |
| • Treasurer: | Dr. Shahram Moein | January 2011 | December 2012 |

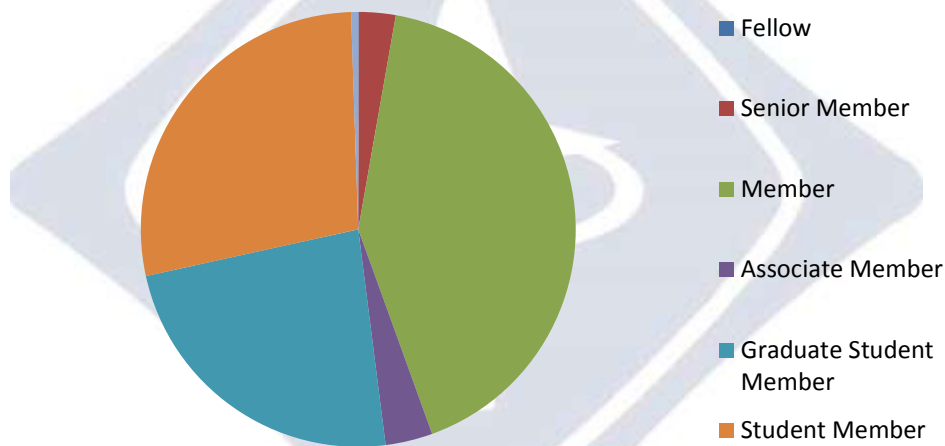*Section Committees and Their Chairs:*

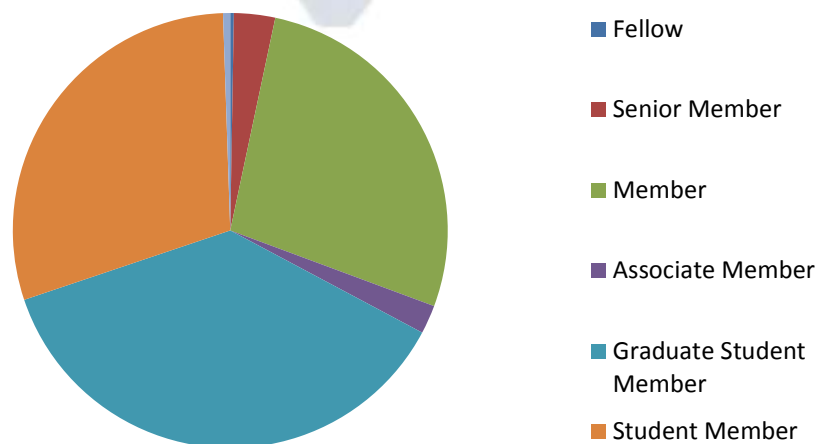| | | | |
|---|---|---|---|
| • Education Activities | Prof. Mohammad Hakkak | February 2011 | January 2012 |
| • Student Activities | Prof. Behrooz Vahidi | February 2011 | January 2012 |
| • Membership Development | Dr. Keivan Navaie | February 2011 | January 2012 |
| • Women in Engineering | Dr. Fattaneh Taghiyareh | March 2011 | January 2012 |
| • Nominations & Appts. | Prof. Reza Faraji-Dana | February 2011 | January 2012 |
| • Conference Coordinator | Dr. Ahmad Khadem- Zadeh | February 2011 | January 2012 |
| • GOLD Coordinator | Dr. Ashkan Rahimi-Kian | February 2011 | January 2012 |
| • Standards Development | Dr. Babak Seif | February 2011 | January 2012 |
| • Industrial Relations | Prof. Gevork Gharehpetian | February 2011 | January 2012 |
| • Newsletter Editor | Dr. Farzaneh Abdollahi | February 2011 | January 2012 |
| • Chapters Coordinator | Dr. Seyed Mohammad Ahadi | February 2011 | January 2012 |
| • Promotion | Prof. Jawad Salehi | February 2011 | January 2012 |
| • Webmaster | Ms. Mojgan Azizi | February 2011 | January 2012 |

## 2 - Membership by Type and Grade

| | Membership (Sept. 2010) | Membership (July. 2011) |
|---|---|---|
| *Fellow* | 1 | 2 |
| *Senior Member* | 67 | 69 |
| *Member* | 1025 | 616 |
| *Associate Member* | 86 | 48 |
| *Graduate Student Member* | 579 | 835 |
| *Student Member* | 686 | 668 |
| *Affiliate* | 13 | 12 |
| *Total* | 2457 | 2250 |

Iran Section Membership Bar Chart:

| Category | Iran Section Membership (Sep 2010) | Iran Section Membership (July 2011) |
|---|---|---|
| Fellow | 1 | 6 |
| Senior Member | 67 | 69 |
| Member | 1025 | 616 |
| Associate Member | 86 | 48 |
| Graduate Student Member | 579 | 835 |
| Student Member | 686 | 668 |
| Affiliate | 13 | 12 |

■ Iran Section Membership (Sep 2010)   ■ Iran Section Membership (July 2011)

## Iran Section Membership (Sep 2010)

- ■ Fellow
- ■ Senior Member
- ■ Member
- ■ Associate Member
- ■ Graduate Student Member
- ■ Student Member

## Iran Section Membership (July 2011)

- ■ Fellow
- ■ Senior Member
- ■ Member
- ■ Associate Member
- ■ Graduate Student Member
- ■ Student Member

## 3 - Iran Section Awards

At the 19<sup>th</sup> Iranian Conference of Electrical Engineering which was held from 17<sup>th</sup> to 19<sup>th</sup> of May, IEEE Iran Section presented the following annual awards.

| Award | Name of Recipient | Affiliation |
| --- | --- | --- |
| Teaching Award | Professor Parviz Jabehdar-Maralani | University of Tehran |
| Research Award | Professor Jawad Salehi | Sharif University of Technology |
| Young Investigator Award | Dr. Keivan Navaie | Tarbiat Modarres University |
| Best Master's Thesis Award | Ms. Nafiseh Saberi | Tarbiat Modarres University |
| Best Ph.D. Thesis Award | Dr. Farrokh Amini-far | Sharif University of Technology |
| Best Student Branch Award | Isfahan University of Technology | Isfahan University of Technology |

## 4 - Iran Section Student Representative

Following the IEEE Region 8 London meeting and based on MGA and SA recommendations, IEEE Iran Section has since created a new position of Student Representative. The student representative will be a student member of the IEEE Iran Section who will be invited to sit at the section's board meetings. The Student Representative will work in unison with the Student Activities officer. The chief areas which the Student Representative is expected to be of assistance are:

- Raise matters concerning student members directly with the board
- Encourage proactive involvement of student members in the Section affairs
- Provide student member feedback on new policies and practices
- Encourage student branches to increase their activities

Iran section has composed a detailed directive governing the selection and role description of the new position. Broadly speaking, Iran section provides a commitment to cover travel expenses of the Student Representative (to attend board meetings) and unrestricted access to board meetings. The selection of the Student Representative is the responsibility of the winning student branch and the duration is for 12 months.

## 5 – Latest list of IEEE Iran Section Student Branches

|    | Councillor | University |
|----|------------|------------|
| 1  | Dr Fardad Farrokhi | Azad University - Central |
| 2  | Dr Mehdi Jafari | Azad University - Kerman |
| 3  | Dr Kheirollah Hadidi | University of Uromiyyeh |
| 4  | Dr Mayar Naeimi | University of Nooshiravani Babol |
| 5  | Dr Deyhami | University of Avicenna |
| 6  | Dr Karimain | University of Tabriz |
| 7  | Dr Ozgoli | Tarbiat-Moddares University |
| 8  | Prof Faraji-Dana | University of Tehran |
| 9  | Dr Babak Seif | Shahed University |
| 10 | Dr Mohammad Sadough | Shahid Beheshti University |
| 11 | Dr Bighash | University of Shiraz |
| 12 | Dr Mehdi Moallem | Isfahan University of Technology |
| 13 | Prof Behrooz Vahidi | Amirkabir University of Technology |
| 14 | Dr Reza Jafari | Khajeh Nasir University of Technology |
| 15 | Dr Hajizadeh | Shahrood University of Technology |
| 16 | Dr Ali Medi | Sharif University of Technology |
| 17 | Dr Kamran Kazemi | Shiraz University of Technology |
| 18 | Dr Adib Abrishamifar | Iran University of Science and Technology |
| 19 | Dr Razzaghi | University of Kurdistan |
| 20 | Dr Reza Lotfi | Ferdowsi University of Mashhad |
| 21 | Dr Tadaion | University of Yazd |
| 22 | Dr Ashourian | Azad University Majlesi |
| 23 | Dr Rastegar | Islamic Azad University of Yazd Branch |

## 6 – List of sponsored conferences

| | |
|---|---|
| **RELI 2011**<br><br>http://reli2011.ari.ac.ir/English.htm | The 2nd Iranian Conference on Reliability Engineering -Reli2011, will be held during 24-26 October 2011 in Tehran, IR Iran. This conference tends to provide a forum for theorized and technical challenges in various branches of Reliability engineering and presenting the latest findings of researchers from research Centers and universities. Reli2011 organizing committee tends to introduce attendees with the latest researches and technologies in various fields of Reliability engineering by providing keynote speeches, papers presentation in the technical-special sessions, holding workshops and educational-research special sessions, and expert exhibition about the conference topics. |
| **ICBME 2011**<br>http://isbme.org/en/catalog/page.asp?id=1 | The 18th Iraninan Conference on Biomedical Engineering will be held , 14-16 December 2011, in Tarbiat Modares University, Tehran-Iran |
| **EVSD 2011**<br><br>http://evsd.ir/page.php?slct_pg_id=12&sid=1&slc_lang=en | Nowadays, environmental problems in large cities such as air pollution and noise is considered as the most important and fundamental challenges facing urban managers. This along with the increasing consumption of fossil fuels and lack of renewable resources has paved the way for numerous efforts in terms of creating alternative energies and reducing fuel consumption. On the other hand, the development of Iran's automotive industry will depend on the appropriate research at the present time. Considering |

| | the rise of new electric motors in the future, it is necessary to establish a platform for research-related technologies. |
|---|---|
| **PSP 2011**<br><br>http://pspcconference.ir/ | The 6th Power Systems Protection and Control Conference will be held on January 3-4, 2012 at the Electrical Engineering Department of Sharif University of Technology. This conference tends to provide a forum for presenting and investigating new challenges related to protection and distributed control of power systems. |
| **TPP 2011**<br><br>http://ipgconference.com/web/guest/home | The 3rd Conference on Thermal Power Plants (Gas, Combined Cycle, and Steam) will be held in Amirkabir University of Technology on October 2011. Energy crisis has brought a great deal of attention to electrical energy and the associated industries. The complexity of power generation made it more important as compared to other related industries. |
| **MVIP 2010**<br><br>http://mvip2010.ui.ac.ir/index.php?lang=en | The Iranian Machine Vision and Image Processing Conference (MVIP) has provided a forum for researchers and practitioners working in the area of machine vision and image processing since a decade ago. MVIP is a major international conference on machine vision, image processing and related areas in the Middle East. Organized by the Iranian Machine Vision and Image Processing Society, the 7th MVIP Conference (MVIP 2011) will be held in the School of Computer Engineering , Iran University of Science and Technology. This would be a single track conference and will include keynote presentations by famous international academics of the field and a series of workshops along with the typical oral and poster sessions |
| **CICIS10**<br><br>http://www.iasbs.ac.ir/seminar/cicis11/ | The Contemporary Issues in Computer and Information Sciences (CICIS) Conference was initiated in 2010 with the aim of creating a forum for researchers, developers, and educators. We try to connect participants working in universities, companies and research centers from different parts of the world. CICIS 2011 (second in a row) will take place at the Institute for Advanced Studies in Basic Sciences (IASBS) in Zanjan, Iran on May 31- June 2, 2011 |
| **ICCKE 2011**<br><br>http://iccke2011.um.ac.ir/index.php?module=htmlpages&func=display&pid=1 | The international eConference on Computer and Knowledge Engineering (ICCKE), is the first online annual conference for presentation of innovations in the fields of computer and knowledge engineering. ICCKE-2011 is the first virtual forum to bring together leading scientists in the field. ICCKE-2011 invites authors to submit their original and unpublished work that demonstrate current research. |
| **PEDSTC 2012**<br><br>http://www.pedstc.%20ieee.org/ | The international Power Electronics Drive Systems and Technologies Conference (PEDSTC) aims to bring together academic scientists, leading engineers, industry researchers and scholar students to exchange and share their experiences and research results about all aspects of power electronics and the solution adopted. The PEDSTC 2012 will be held in February 2012 at Sharif University of Technology. |
| **ISCISC 2011**<br><br>http://iscisc2011.um.ac.ir/ | The International ISC (Iranian Society of Cryptology) Conference on Information Security and Cryptology (ISCISC) is an opportunity for researchers to share their contemporary knowledge in information security and cryptology area. The 8th ISCISC conference (ISCISC'11) is organized by Ferdowsi University of Mashhad in co-operation with ISC and will be held in Mashhad. |
| **CSSE2011**<br>http://www.csse2011.ir/ | The Computer Society of Iran (CSI), and the Department of Computer Engineering (CE) of Sharif University of Technology (SUT), are jointly organizing the 2011 symposium on Computer Science and Software Engineering(CSSE2011) to be held on June 15-16, 2011 in Tehran, Iran |

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|---|---|
| **AISP 2011**<br><br>http://aisp.sharif.ir/ | The Computer Society of Iran (CSI), and the Advanced Information and Communications Technology Research Center (AICTC) of Sharif University of Technology (SUT), are jointly organizing the 2011 symposium on Artificial Intelligence and Signal Processing (AISP2011) to be held on June 15-16, 2011 in Tehran, Iran. During this period, the symposium will host researchers, scientists, engineers and practitioners in the fields of artificial intelligence and signal processing, to exchange their latest research results and findings. AISP 2011 tries to bring together the leading engineers and scientists from around the world |
| **EPDC2011**<br><br>http://www.epdc.ir/English.htm | 16th electric distribution network conference will be held by Hormozgan Eclectic Distribution Company and Amirkabir university of technology under the supervision of IRAN association of electrical and electronic engineering (IAEEE) on 2011 April 19th and 20th in hotel Hormoz, Bandar Abbas, Iran. |
| **ICEE 2011**<br>http://icee2011.aut.ac.ir/IndexEn.aspx?P=2 | 19th Iranian Conference on Electrical Engineering is to be held in 17-19 May 2011 at Amirkabir University of Technology. This conference tends to provide a forum for theorized and technical challenges in various branches of electrical engineering and presenting the latest finding of researchers from research centers and universities |
| **PEDSTC 2011**<br><br>http://pedstc.org/ | The second annual PEDSTC conference (Power Electronics & Drive Systems and Technology Conference) will provide a forum to exchange ideas, discuss best practices, raise awareness, and share experiences among researchers and practitioners in the field of Power Electronics and Drives. PEDSTC grew out of the Power Electronics Society of Iran, in order to create an event that focuses on the important and exciting topics of Power Electronics and Drives. |
| **IST2010**<br><br>http://ist2010.itrc.ac.ir/ | IST2010 is hosted by the Iran Telecom Research Center. It will highlight the most recent developments in communications and information technologies that include new concepts, theories, technology creation, services, network infrastructure and network management matters. |
| **ICELET2010**<br><br>http://icelet2010.aut.ac.ir/en/ | Amirkabir University of Technology (AUT) is proud to announce the 5th National and 2nd International conference on e-learning and e-teaching (ICELET2010) to be held on December 1-2, 2010 in Tehran, Iran. ICELET is the premier conference in Iran for presentation of advances in all aspects of e-learning and e-teaching. The conference aspires to provide an international forum for engineers and scientists in academia, industry and governments to present and discuss their latest research findings in this field and to identify emerging future challenges. |
| **MVIP 2010**<br><br>http://mvip2010.ui.ac.ir/index.php?lang=en | The Iranian Machine Vision and Image Processing Conference (MVIP) has provided a forum for researchers and practitioners working in the area of machine vision and image processing since a decade ago. MVIP is a major international conference on machine vision, image processing and related areas in the Middle East. Organized by the Iranian Machine Vision and Image Processing Society, the 6th MVIP Conference (MVIP 2010) will be held in the historical, beautiful city of Isfahan. |