

IEEE Jordan Section

Dr. Ala' Khalifeh, Section chair

Section Vitality

Please provide information about the date of last Section elections, date of next elections, and do you have the practice of Vice-Chair becoming the next Section Chair. Section ExCom meetings (list them and provide brief summary if appropriate). List the activities carried out to retain and recruit members and the results obtained.

Answers

Date of last Section elections: DEC 2021

Date of next elections (Oct 2023: Tentative)

Do you have the practice of Vice-Chair becoming the next Section Chair: No.

Section ExCom meetings

Answer:

Year 2022: 9/2/ 2022, 29/3/2022, 24/5/2022, 22/6/2022, 6/10/2022

Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting (Oct 2020). List the student meetings held and Section activities addressed to Students and Young Professionals.

Answer

List of Student Branches (SB) in your Section:

1. **Al-Balqa Applied University (192)**
2. **Jordan University of Science & Technology (214)**
3. **University of Jordan (173)**
4. **Princess Sumaya University for Technology (91)**
5. **Yarmouk University (158)**
6. **Al-Balqa Applied University - Center (2)**
7. **University of Petra (18)**
8. **Hashemite University (74)**
9. **Mutah University (62)**
10. **Al-Zaytoonah Univ Of Jordan (40)**
11. **Philadelphia Univ (15)**
12. **Al-Huson University College (29)**
13. **Al-Hussein Technical University (23)**
14. **Tafila Technical University (48)**
15. **Al-Hussein Bin Talal University (31)**
16. **Applied Science University (35)**
17. **German Jordanian University (67)**
18. **Al Al-Bayt University (10)**
19. **Al-Ahliyyah Amman University (2)**
20. **Applied Science University (35)**

The newly formed or dissolved SBs:

None.

But we are working to open a new SB in several universities (e.g. American University in Madaba, Al-Abait university, Middle East University, Zarqa University, etc.)

Selected Student Branches Activities (AFTER Aug 2022)

International women day event and celebration



Field trip to a chalkboard manufacturing facility



Google cloud computing seminar



Google Cloud Computing - workshop -

Programmer- Hazem Ahmad

15 Thursday 9/3/2023  Free workshop

 7:30 PM - 9:30 PM  Google Meet



 **IEEE SIGHT**
Special Interest Group on
Humanitarian Technology

 **Al-Balqa Applied University**
IEEE Student Branch

 **IEEE
COMPUTER
SOCIETY**

Problem solving workshop

IEEE
COMPUTER
SOCIETY

PROBLEM SOLVING

LEVEL 01

MON, WED
6 MAR

12:30-2:00 PM

مبنى
الخوارزمي
خز-421

TRAINER
Abed AL-hmeed Sammour

LinkedIn workshop



Tafila Technical University
Student Branch



LinkedIn Workshop

Raneem Al-Ramahi

 Google Meet | Wednesday 22/2
07:00 - 08:00 ^{PM} 

Microsoft workshop



The banner features a purple and blue abstract background. At the top right, the IEEE Computer Society logo and text 'IEEE COMPUTER SOCIETY UNIVERSITY OF JORDAN' are visible. The Microsoft logo is positioned above the main title 'MicroSoft Workshop', where 'MicroSoft' is in blue and 'Workshop' is in purple. The event details 'Sunday / مدرج احمد اللوزي' and '11:30 - 1:30' with a clock icon are located in the bottom left corner. A small cluster of blue dots is on the left, and a horizontal bar with three purple circles is on the right.

More events can be found on

<https://www.facebook.com/groups/IEEEJordanSection>

<https://www.facebook.com/IEEEJO>

Affinity Groups

List of Affinity Groups (YP, LM, WiE, SIGHT, etc.), list of SB AGs, newly formed or dissolved AGs/SB AGs, if any since the last meeting reporting (April 2022). List the activities intended to support affinity groups.

Answer

We have two Affinity Groups:

- Women In Engineering (WiE)

- Young Professional (YP).
- Life Member (LM)

WiE selected activities

Past activities

• February 2023 workshops series

Theme	Date	Title	Speaker
Technical	14-2-2023	How to Conduct Scientific Research	Dr. Rula Alrawashdeh
	21-2-2023	How to Design Your First Project	Dr. Shefa Tawalbeh
	26-2-2023	How to write CV	Prof. Sahar Idwan
Self-development	19-2-2023	Time Management Skills	Dr. Yusra Obiedat
	20-2-2023	Entrepreneurship	Dr. Ola Taani
	23-2-2023	Engineering Skills	Dr. Esraa Al-Sharoua

Past activities

• Qualification Series

Theme	Date	Title	Speaker
General	12-3-22	Info about WIE Affinity Group	Eng. Rana Ramadan
Self-development	26-3-22	Communication skills	Dr. Yusra Obiedat
	09-4-22	Teamwork skills	Dr. Yusra Obiedat
	2-7-22	How to market yourself	Eng. Dima Saleh
Branch-development	21-5-22	Strategic planning	Eng. Ruba Ahmad

Past activities

- Attended several events for WIE AG opening in some Jordanian Universities
- 28-3-2022: Mutah University Branch



- 8-3-2023: JUST University Branch

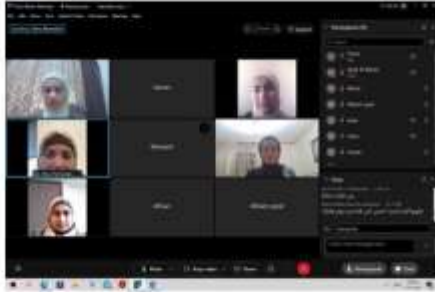
Past activities

- 24-2-2022: Meeting with Arabs' WIE chairs- WIE in Arab Countries linked together to plan for further cooperation in future.
- 9-2-2023 Meeting with the chairs of universities student WIE AGs.



Past activities

- Several Administrative meetings (Virtual or face to face)



Past activities

- Several Administrative meetings (Virtual or face to face)



YP selected activities

IEEE Young Professionals Jordan AG

IEEE Young Professionals Gathering 2022



IEEE Young Professionals Jordan AG



Xpand Conference

Xpand software development conference is focused on gathering the best of MENA's software community for a deep dive into the latest topics and trends in the field of software development.



IEEE YP Jordan was a partner at this conference.



IEEE Young Professionals Jordan AG JobStack Event

The largest Tech Community in Middle East & Africa where tech gurus, entrepreneurs, Investors, and enterprises meet.



**IEEE Young Professionals Jordan
was a Partner at this event.**

IEEE Young Professionals Jordan AG

IEEE Middle East & North Africa Comm 2022



IEEE Young Professionals Jordan AG

IEEE Region 8 Students & Young Professionals , Tunisia



IEEE Young Professionals Jordan AG

Participation and support a lot of students Events



Chapters

List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting (April 2022). Indicate how many have reported on time and received rebate. Highlight some of the activities.

List of chapters:

- Jordan Section Jt Chap, PE31/DEI32
- Jordan Section Jt Chap, CIS11/C16
- Jordan Section Chapter, RA24
- Jordan Section Jt. Chapter, SP01/COM19

- Jordan Section Chapter, COM19
- Jordan Section Chapter, EMB18
- Jordan Section Chapter, IA34

List of students' chapters

- Al-Balqa Applied Univ, C16
- University of Jordan, RA24
- University of Jordan, PE31
- Tafila Technical University, PE31
- Al-Balqa Applied Univ, RA24
- Yarmouk Univ, PE31
- Al-Balqa Applied University, COM19
- Al-Balqa Applied Univ, PE31/IA34
- University of Jordan, COM19
- Jordan Univ of, C16
- Yarmouk Univ, RA24
- Yarmouk University, EMB18
- Yarmouk University, C16
- Princess Sumaya University for Technology, COM19
- Al-Balqa Applied University, SP01
- Yarmouk University, IA34
- Hashemite University, PE31/IA34
- Hashemite University, EMB18
- Yarmouk Univ, COM19
- Princess Sumaya University for Technology, RA24
- Princess Sumaya University for Technology, C16
- Jordan University of Science & Technology, PE31
- Hashemite University, RA24
- Hashemite University, C16

Selected activities

Jordan Joint Chapter of the IEEE Computer and Computational Intelligence Societies

Gheith Abandah, Chair
Hamed Fawareh, Vice Chair
Anas Al Majali, Secretary



Jordan Joint Chapter of the IEEE
CS and CIS

Achievements in 2022 (1)

1. Nvidia Workshop: Fundamentals of Deep Learning (May, 2022)

- Dr. Manal Jalloul, NVIDIA, NVIDIA's.
- The University of Jordan + Virtual.
- In collaboration with Developing Curricula for Artificial Intelligence and Robotics (DeCAIR).



Achievements in 2022 (2)

2. IEEE CS-DeCAIR Workshop on AI: Hardware Acceleration (May, 2022)

- Dr. Manal Jalloul, NVIDIA, NVIDIA's AI Ecosystem: How AI is Brought to Life by NVIDIA
- Amman, Jordan + Virtual.



Achievements in 2022 (4)

4. IEEE CS-DeCAIR Workshop Part 2 of 2 (December, 2022)

- Crouching Hacker, Killer Robot? Removing FUD from Cyber-physical Security
- Dr. Stefano Zanero (Keynote Speaker) IEEE Computer Society Distinguished Visitor Program (DVP).
- The Hashemite University, Jordan.



Achievements in 2022 (5)

5. IEEE CS-DeCAIR Workshop Part 2 of 2 (December, 2022)

- Breaking the Laws of Robotics: Attacking Industrial Robots
- Dr. Stefano Zanero (Keynote Speaker) IEEE Computer Society Distinguished Visitor Program (DVP).
- Amman, Jordan + Virtual.
- In collaboration with IEEE HU SB.



Presenter:

- Prof. Mohammad Salah**, IEEE Senior Member
- Vice Chair of IEEE Jordan Section, 1/1/2022 present
 - Treasurer of IEEE Jordan Section, 1/1/2020-31/12/2021
 - Chair of IEEE RAS Jordan Chapter, 1/2013-12/2015 and 1/1/2020- present
 - **Founder and Interim Chair of IEEE RAS Jordan Chapter, 9/2012 – 12/2012**
 - Advisor of IEEE RAS HU Student Chapter, 1/2014-12/2014 and 1/1/2020- present
 - Vice Chair of IEEE Young Professionals Affinity Group of Jordan Section, 1/2014 - 12/2015
 - Chair of IEEE Young Professionals Affinity Group of Jordan Section, 6/2011-12/2013

**Mechatronics Engineering Department
The Hashemite University**

IEEE RAS Chapters in Jordan

- [Jordan Chapter \(JC\)](#) was established in 2012
- JC has currently **179** total active members
 - 5 members
 - 6 senior members
 - 168** student members
- There are currently **8** Student Chapters:
 - University of Jordan
 - Jordan University for Science and Technology
 - Princess Sumaya University for Technology
 - Al-Balqa Applied University
 - The Hashemite University
 - Yarmouk University
 - Tafila Technical University
 - **AHussainTechnicalUniversity**

3/11/2023



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Past Events in 2020

- **Virtual Lecture** titled with "[Recent Research in Robotics](#)" by Dr. Eric Diller of University of Toronto, Canada, 10/7/2020.
- **Virtual Lecture** titled with "[Innovative Propulsion Packages for a New Transportation Era](#)" by Dr. Mohamed Youssef of OntarioTech University, Canada, 23/7/2020.
- **Virtual Seminar** titled with "[PLC Control Panel Design](#)" by Eng. Abdelrahma Alzriqi of Al-Wefaq Control Systems Co., Jordan, 29-30/8/2020.
- **Virtual Lecture** titled with "[Inflatable Soft Robots: Interacting with the Environment](#)" by Prof. Kaspar Althoefer of Queen Mary University of London, UK, 16/10/2020.
- **Virtual Lecture** titled with "[Micro-Nano Robotic Systems in Biomedical Applications](#)" by Dr. Yajing Shen of City University of Hong Kong, China, 26/10/2020.
- **Virtual Lecture** titled with "[Magnetically-Actuated Flexible and Miniaturized Systems](#)" by Prof. Sarthak Misra of University of Twente, Netherlands, 6/11/2020.

3/11/2023



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Past Events in 2021

- **Virtual Lecture** titled with “[Introduction to Project Management](#)” by Eng. Abdaallah Alwahsh of International Engineers, Jordan, 14/7/2021.
- **Virtual Lecture** titled with “[Introduction to Digital Fabrication](#)” by Eng. Ahmad Fares of TechWorks, Jordan, 2/8/2021.
- **Virtual Lecture** titled with “[CE Marking for Elevator Control Systems](#)” by Eng. Radwan Abu Tubbaneh of PALCO Control, Jordan, 17/8/2021.
- **Student Robot Competition** within the activities of [JEEIT conference](#), Dead Sea, Jordan, 17/11/2021
- **Virtual Lecture** titled with “[From Industry 4.0 to Healthcare 4.0](#)” by Prof. Jingshan Li of Tsinghua University in Beijing, China, 2/12/2021.

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Past Events in 2022

- **Mindstorms EV2 LEGO Robot Workshop** in collaboration with [IEEE RAS HU](#), delivered by Eng. Nooraldeen Al-Asbahi, Liwan Youth Space, Jordna, 14-16/2/2022.



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Past Events in 2022

- **Ball Collector Challenge** in collaboration with [IEEE RAS HU](#), The Hashemite University, Jordan, 24/3/2022.



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Past Events in 2022

- **Unmanned Aerial Vehicles Workshop**, delivered by Eng. Aberrahman AlRemawi, [MARS Robotics](#), at Engineers Training Center, Jordan, 7-11/8/2022.



3/11/2023



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Past Events in 2022

- Technical Sponsorship of the **3rd Fire Fighter Contest**, PSUT, Jordan, 1/9/2022.



3/11/2023



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Past Events in 2022

- **Virtual Lecture** titled with “Introduction to Electrical Wiring Diagram Design Using EPLAN Electric Workshop” by **Eng. Waleed Al-Natsheh** of Altran Magnetics, Jordan, 24-25/9/2022.



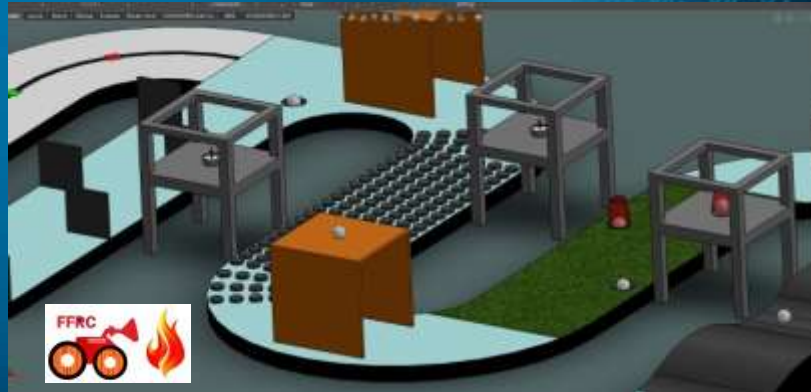
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Future Events in 2023

- Technical Sponsorship of the **4th Fire Fighting Robot Contest (FFRC)**, BAU - Alsalt, Jordan, 15/7/2023.



3/11/2023



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Please visit our social media pages at:

<https://www.facebook.com/groups/IEEEJordanSection>

<https://www.facebook.com/IEEEJO>

Planned activities

Highlight some of the future activities and initiatives in your Section.

Answer

Jan 2023 to Dec 2023:

1. Members annual meeting
2. ExCom YP and SB Chairs meeting
3. IEEE Day 2023
4. Xpand Conference
5. Wommen day (March 8 2023)
6. JSYP 2023
7. MYSYP 2023
8. MenaCOMM congress as part of the IEEE MenaComm conference that will take place on Dec 2023

How Region 8 can be of help to your Section, members, and activities

List any challenges your Section is facing and what support is required from the Region 8. Please, also, give us your suggestions for agenda items that you want to be discussed during the R8 Committee meeting.

Answer:

Provide more funding for SIGHT projects

By increasing the membership value (e.g. offering more free online courses with certificates to the members)

Any other issues of interest