



Xperts Meetups Report Third Meet Up

Topic

Digital Design with FPGAs: Technology and Market Trends

- Host : MSA University, Faculty of Engineering
- Date: 13/6/2021
- Time from 7:00pm to 9:00Pm
- Students Registered: 200
- Students Attended: 122 (Zoom) (Rest Online live via Facebook)
- Organization: Valeo Egypt/ MSA University / Ministry of Communications and information Technology
- location: MSA University, SSB / Online Zoom / MSA Live Channel



In the framework of developing the youth ability and enhancing their work experience to connect between the academic studies, labor Market, and the modern technology, Valeo Egypt in cooperation with October University for Modern sciences and Arts (MSA University) are launching The Xperts online Meetups.

The Program Includes Series of Online Seminars which will be presented by Valeo Experts and Academic staff from MSA University. The Seminars will discuss many topics about different Technologies related to the Automotive Digital transformation, and will also provide practical Examples and cases.

MSA University will Host Valeo Xperts Meetup online Seminars through its online channels, and that to reach the greatest number of seniors and Masters' students from faculties of Engineering and Computer sciences. The Goal of the seminars is to raise the awareness of the importance of digital transformation and the modern technology roles in Building the industrial revolution.



Meet Up Three

Topic

Digital Design with FPGAs: Technology and Market Trends

Field Programmable Gate Arrays (FPGAs) are semiconductor devices that are based around a matrix of configurable logic blocks connected via programmable interconnects. FPGAs can be reprogrammed to desired application or functionality requirements after manufacturing. Nowadays, FPGAs are powering many cloud-based AI accelerators, ADAS systems, SDR, Aerospace applications and more. The evolution from a silicon prototyping solution to a high-performing device family is a true engineering journey.



Session Speaker from Valeo

The webinar will be conducted by Tarek El Deeb, Senior R&D Manager and an FPGA expert at Valeo. Tarek is a Creative geek with roots in electronics engineering, an entrepreneurial mindset and a passion for building and integrating systems on chips. His experience is built up in a relatively broad spectrum of engineering know-how; covering computer architecture, embedded software programming and automotive systems. During a 14-year expertise career, Tarek has published 7 USPTO patents in addition to another 7 papers.





The World University Ranking

The Event achieved the following Sustainable Development Goals:



Metric	Components
Health impact	Outreach programmes and projects in the local community to improve or promote health & wellbeing including hygiene, nutrition,



Metric	Components
Lifelong learning opportunities provided	<p>Provide access to educational resources for those not studying at the university</p> <p>Host events that are open to the general public: public lectures, community educational events</p> <p>Host events that are open to the general public: executive education programmes & vocational training</p> <p>Undertake educational outreach activities beyond campus – e.g. in local schools, in the community, including voluntary</p>



	<p>student-run schemes Have a policy that access to these activities is accessible to all, regardless of ethnicity, religion, disability or gender</p>
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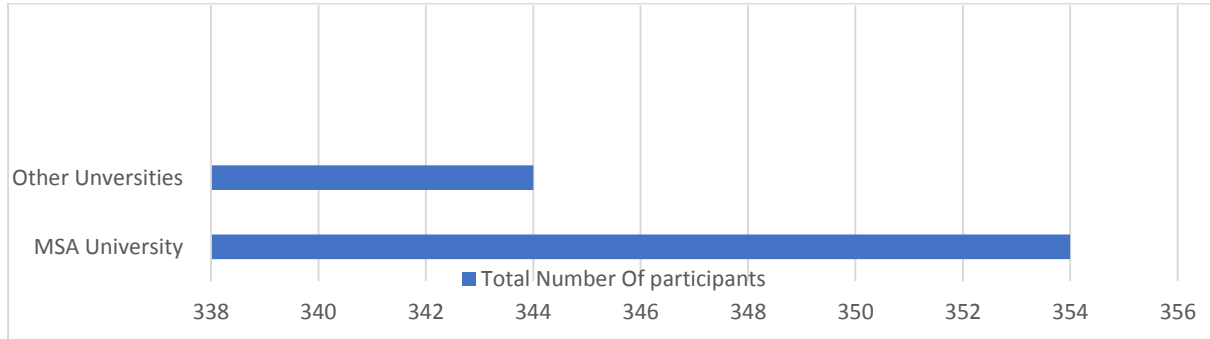


Metric	Components
Working with government	Provide outreach, general education, upskilling and capacity-building to policy- and law-makers on relevant topics e.g. economics, law, technology, climate change



Count of Registered Universities in the Event:

1. Registered Universities In Egypt



- **Other Universities include :**

1. Cairo University
2. Helwan University
3. Ain-shams University
4. Alexandria University
5. Mansoura University
6. Tanta University
7. Must University
8. Future University
9. 6th October University
10. Al-Azhar University
11. Arab Acadmey University
12. Bani-seuf University
13. Fayoum University
14. Banha University
15. Kafr-sheikh University
16. Ahram Candian University
17. Candian International Colleage
18. Luxor University
19. Minya University
20. MTI
21. nahda universitu
22. New Cairo University
23. Aswan University
24. BUE University
25. Delta University
26. Egypt-Japanese University
27. Egyptian Russian University

- **Registred University abroad :**

1. Lebanese University
2. Ibn Tofail Morocco
3. King Salman University

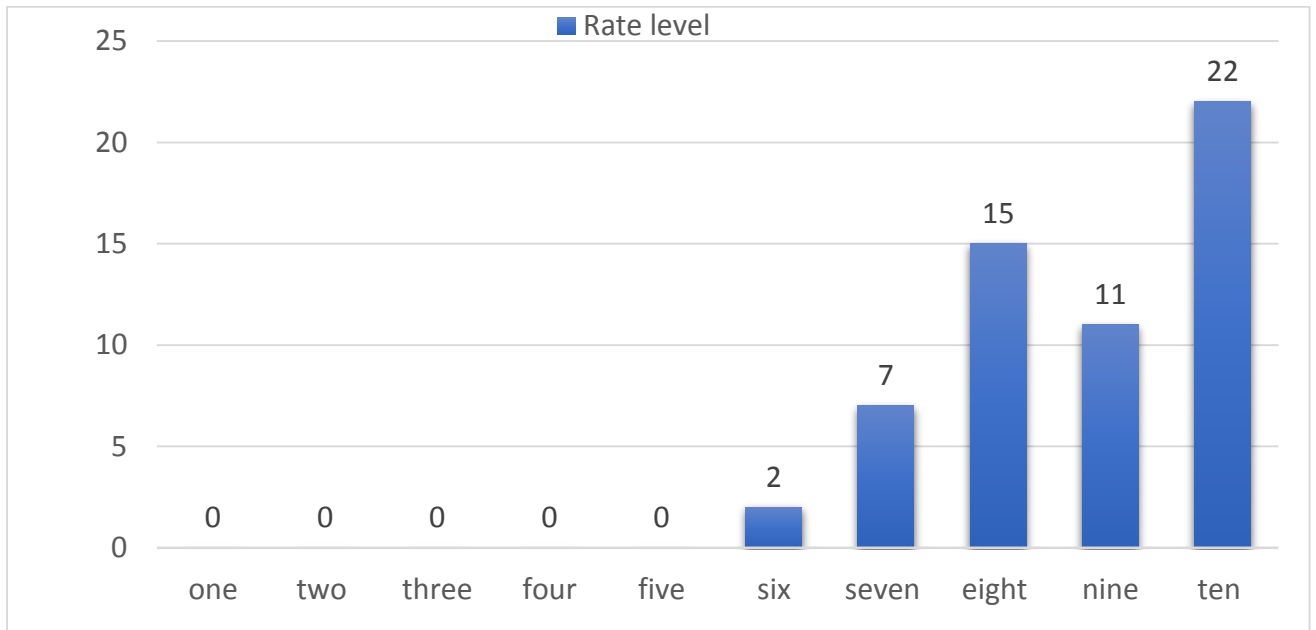




Third Meet up Feedback

Based on the feedback survey:

1. Rate the quality of the online session from 1 to 10?



Comments

Instructor was very fast and would be good if you give us some topics that requirement to search on it and make background before the session.
It was a good session
The online session was relevant to my engineering major.
Explanation could be more easier
Keep going on <input type="checkbox"/>
Useful
I have no comment
Great Session I hope we can do it more because it's very interested and useful topic.
Session was fruitful, but FPGA is really a big topic which can't be covered in one session
It was good session
Perfect organized session
....
Aa
The content is well organized and the first three meetings was great
Practical examples would be great addition
The meetup was perfect. But I think It should be offline in a particular place to make the best of it.
Great and useful zoom lectures
It was good
It's a great session and great opportunity
No comment
None
Thanks
It was so helpful to know the basics of FPGA and to know about the market.
I don't have any comment
Very good instructors and organisers
It was great
All great
Actually , it was an interesting session . I know nothing about FPGA . But , this session provides me by valuable information . I hope these sessions never stop .
Pretty good <input type="checkbox"/>
.



<input type="checkbox"/>
More time to ask and to communicate with the instructor please
It was an excellent session and i have received many information and learned alot thanks
No,Thanks
It's was a new experience
Perfect
Good opportunity for us to take Sessions from valeo
Nothing to be commented on
I'm glad that our university is communicating with valeo and other companies ♥ <input type="checkbox"/>
It was full of knowledge and id like to attend more
It was full of important information which gave me feedbacks about careers
It was a great experience and i was so happy that i gained such info. Best of luck
Good job <input type="checkbox"/> <input type="checkbox"/>
Wonderful & Helpful
Great job <input type="checkbox"/> <input type="checkbox"/>
None
despite its an intro one session , it was very necessary to guide us through the right track straight forward to our goals.
The sessions have been really helpful.
The session is perfect
Very useful
It was very beneficial sessions and we are waiting for more
..Eng.Tareq Eldeeb explained about FPGA and its career skills.
The session was informative and helpful.
We need a training in valeo ,and thank you for your great efforts
It was a great session with a lot of useful information
I thank my teachers and supervisors for this wonderful work. I learned a lot from these lectures and found myself well informed of the developments in the field of communication engineering.
great efforts
amazing group of sessions that keep us Up-to-date with the market need & to take a glimpse on many fields
It was helpful
Thank you
Good experience
I'm a level 3 student and FPGA are absolutely new to me and it sounds really interesting, eng Tarek gave a nice overall prespective about FPGA, will be checking it even more once i finish my finals or get free time in between. Thanks for the efforts and the session it was extremely beneficial and i learned something(s) new yesterday.



It was a good session

thanks alot for share this useful topics that help me and other undergraduate students have a clear vision in the next step.

hope to have more sessions

Very useful

Simple and clear

The explain is very good and simple

Excellent

The zoom meeting was very useful and informative

The sessions are very good and the topic is discussed in easy way

It is excellent

Very grateful for the doctor and the department of engineering

