



## Xperts Meetups Report Fourth Meet Up

### Topic

#### Evolution of Embedded Systems Applications in Automotive

- Host : MSA University, Faculty of Engineering
- Date: 27/6/2021
- Time from 7:00pm to 9:00Pm
- Students Registered: 170
- Students Attended: 112 (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

#### **Evolution of Embedded Systems Applications in Automotive**

Within the rising importance of embedded systems and the evolution of different applications, Valeo Xperts Meetup meetup will be tackling the embedded systems as one of the core topics needed in the automotive industry. Starting by an overview about the embedded systems and its classifications in automobiles then highlighting some use cases while identifying the new technology trends in the automotive sector and how such technologies is shaping the intelligent systems nowadays catering for the new wave of smart mobility.



### **Session Speaker from Valeo**

The webinar will be conducted by Valeo Expert, Bishoy Wasfey. Bishoy is an embedded Linux-based telematics Expert, Valeo group. He holds a BSc engineering degree in communication and electronics from the Faculty of Engineering, Helwan University, Egypt in 2011. His Focus is on telematics and connected vehicles technologies such emergency calls, car to car and car to infrastructure solutions. He had designed, developed and lead software architecture for Linux platform on Telematics Unit and V2X ECU (C-ITS). He had conducted several external and internal trainings related to Embedded Linux systems for automotive, he is a lecturer in the Professional Master Program - Cairo University, NTI “National Telecommunication Institute” and at the Arab Academy for Science and Technology for Embedded Systems related courses.





The World University Ranking

**The Event achieved the following Sustainable Development Goals:**



Metric	Components
<b>Health impact</b>	<b>Outreach programmes and projects in the local community to improve or promote health &amp; wellbeing including hygiene, nutrition,</b>



Metric	Components
<b>Lifelong learning opportunities provided</b>	<b>Provide access to educational resources for those not studying at the university Host events that are open to the general public: public lectures, community educational events Host events that are open to the general public: executive</b>



	<p><b>education programmes &amp; vocational training</b>  <b>Undertake educational outreach activities beyond campus – e.g. in local schools, in the community, including voluntary student-run schemes</b>  <b>Have a policy that access to these activities is accessible to all, regardless of ethnicity, religion, disability or gender</b></p>
--	---



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



## Count of Registered Universities in the Event:

- **Registered Universities In Egypt**

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 Colleague
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 Unversity

- **Registred University abroad :**

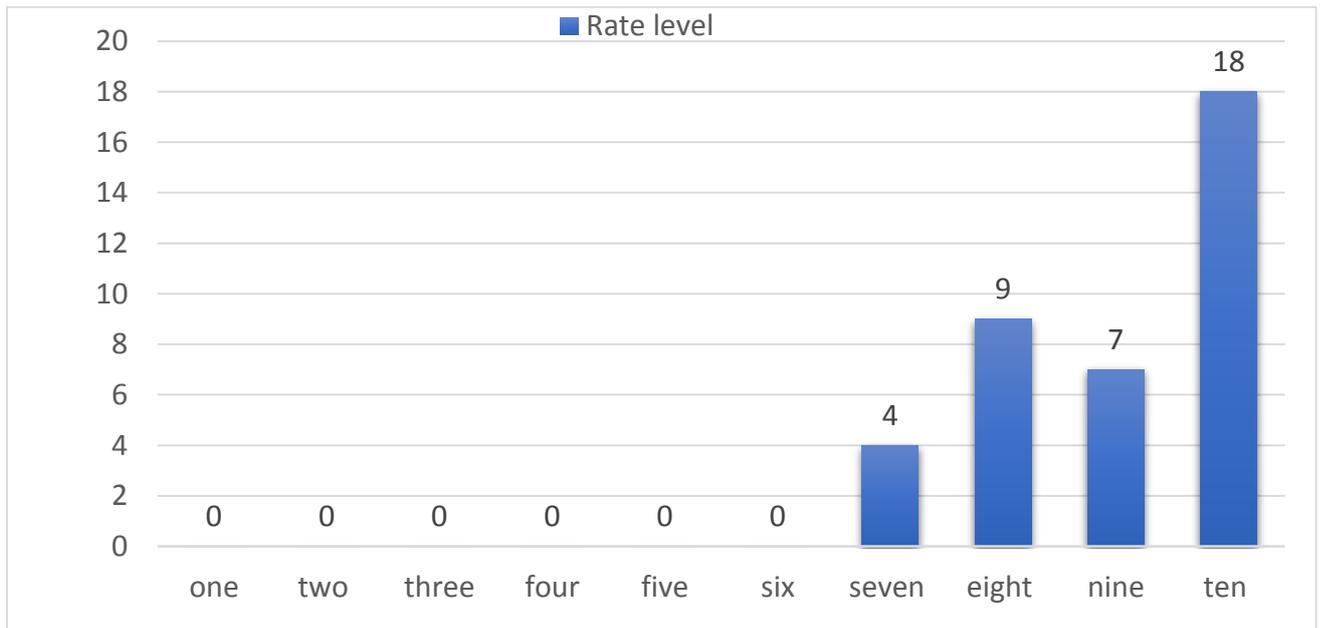
1. Lebanese University
2. Ibn Tofail Morocco
3. King Salman University



## Fourth Meet up Feedback

Based on the feedback survey:

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



## Comments

.State your Comment here :
Great presentation and need more of those informative and practical meetings
Session was interesting knowing new knowledge
I collect alot of information from this sessions
It is very useful sessions That make students focus on different topics Provide them with valuable information
It introduces us to the market. It is so useful.
I got a good experience from the speakers and the last meeting made me so excited about this field
Thanks ♥☐
i have know too much useful information about embedded systems , that will help me on my study of data and data analytic.
Good
Very good
It was really an interesting session. I've known important things about embedded system and how to start a new career. Eng. Bishoy has really great experience in this field. I hope that there are more sessions like this.
It was great
Perfect organized session
It was great
A new technology is emerging with the self-driving cars and automation using the 5g and FOTA that triggers in parallel new dreams , energy and efforts while renewing our passion and refreshing our ambition
It's more interesting
Thank you for your efforts.
Thanks
I session was very informative and I liked it
No comments
The session was full of information and knowledge
.very useful and helpful
The topics are interested and discussed in simple way
I've gained a lot of information from that session
Nothing
it was really a good experiance
Thank you for your great efforts
I hope it never stops



The lecturer was accessible for questions

Thanks very much

It was a very useful session

Fantastic work and great development

Thank you for the session

Good job

Thank you

