Xperts Meetups Report
First Meet Up

Topic

Applications of 5G in Automated Driving

- Host : MSA University, Faculty of Engineering

- Date: 27/4/2021

- Time from 10 :30 Am to 1:00 Pm

- Students Registered: 642

- Students Attended: 265 (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.

The Opening Ceremony	
Speech of Prof. Dr. Nawal El Degwi **(Head of Board of Trustees Modern Sciences and Arts University)**	
Speech of Eng.Ghada Labib **(Deputy Minister of Communication and Information Technologies for institutional developments)**	
Speech of Prof. Dr. Nahed Sobhy **(Dean of Faculty of Engineering, MSA University)**	
Speech of Eng. Amr Adel, **Expertise & Knowledge Management, and Visibility Director -Valeo**	

Eng. Motaz Agamawi

Valeo Service Smart Shared Services Center Director and R&I Head

Meet Up One

Topic

Applications of 5G in Automated Driving

• Sensing technologies and Artificial Intelligence (AI) are powering the Advanced Driving Assistance Systems (ADAS) and Automated

Driving (AD). Such technologies are critical to enable environment perception and eventually taking control action on the vehicle. A vast new horizons are opened for AD with the introduction of 5G, with Ultra-reliable low latency that enable machine-to-machine communication. Vehicle Tele-operation, AR/VR/XR applications, V2X applications are some examples. In this talk, you will learn get introduced to 5G, its applications in V2X, XR and Tele-operation, and the challenges facing such technologies.

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Session Speaker from Valeo

Dr. Ahmad El Sallab is the Senior Chief Engineer of Deep Learning at Valeo Egypt, and Senior Expert at Valeo Group. Ahmad has 15 years of experience in Machine Learning and Deep Learning, where he acquired his M.Sc. and Ph.D. in

2009 and 2013. He has worked for multinational organizations in the industry since 2005 like Intel and Valeo. He has over 35 publications and book chapters in Deep Learning in top IEEE and ACM journals and conferences, in addition to 8 patents, with applications in Speech, NLP, Computer Vision and Robotics

Session one Participants

Valeo Speaker **Dr.Ahmed Al-Salab**	
Session chair **Dr.Samer Ibrahim**	
Session chair **Dr.Ahmed Fawzy Daw**	

Session Moderator Miss. Reem Essam	

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	**Provide access to educational resources for those not studying at the university**

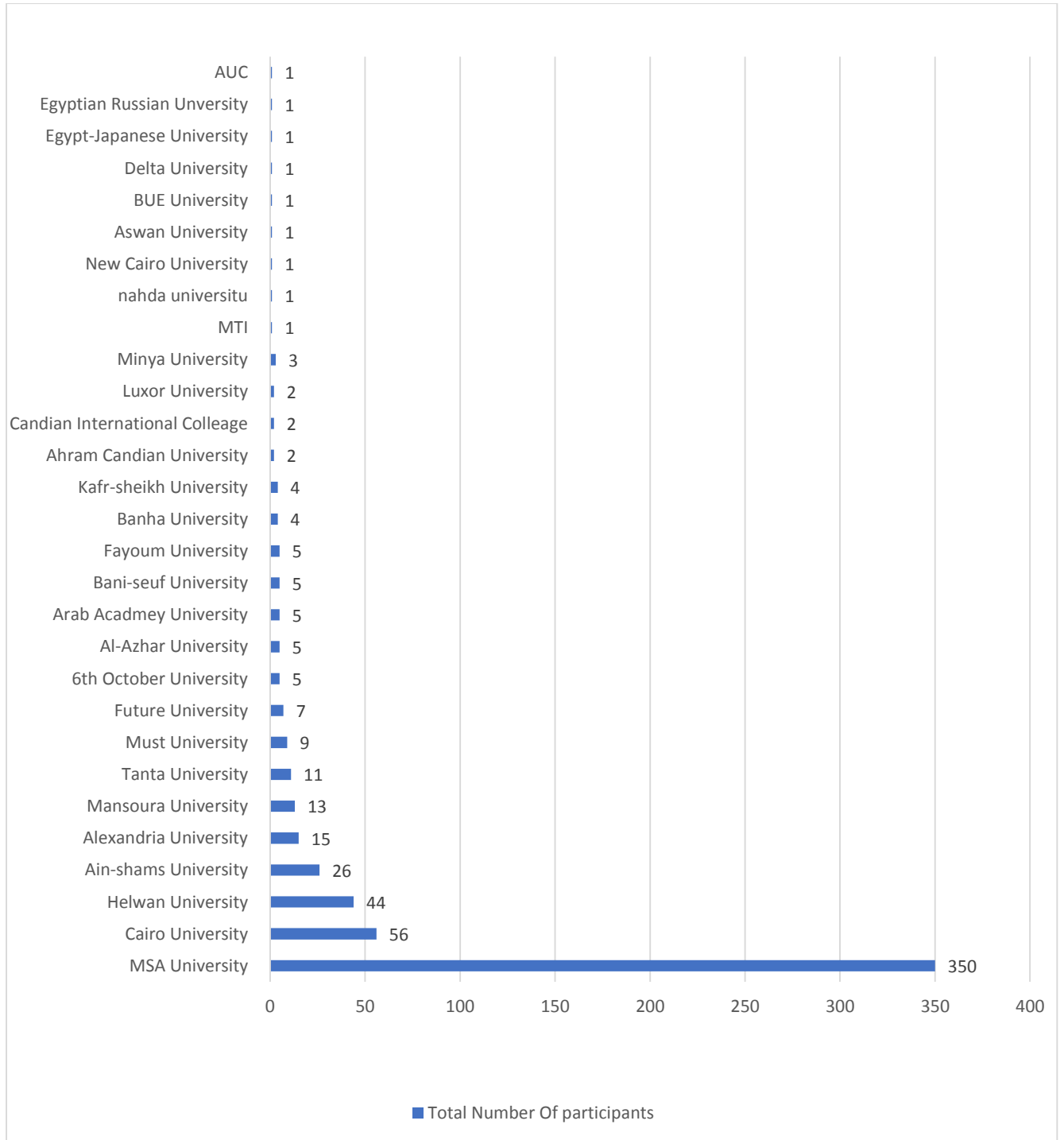|	Host events that are open to the general public: public lectures, community educational events
	Host events that are open to the general public: executive education programmes & vocational training
	Undertake educational outreach activities beyond campus – e.g. in local schools, in the community, including voluntary student-run schemes
	Have a policy that access to these activities is accessible to all, regardless of ethnicity, religion, disability or gender

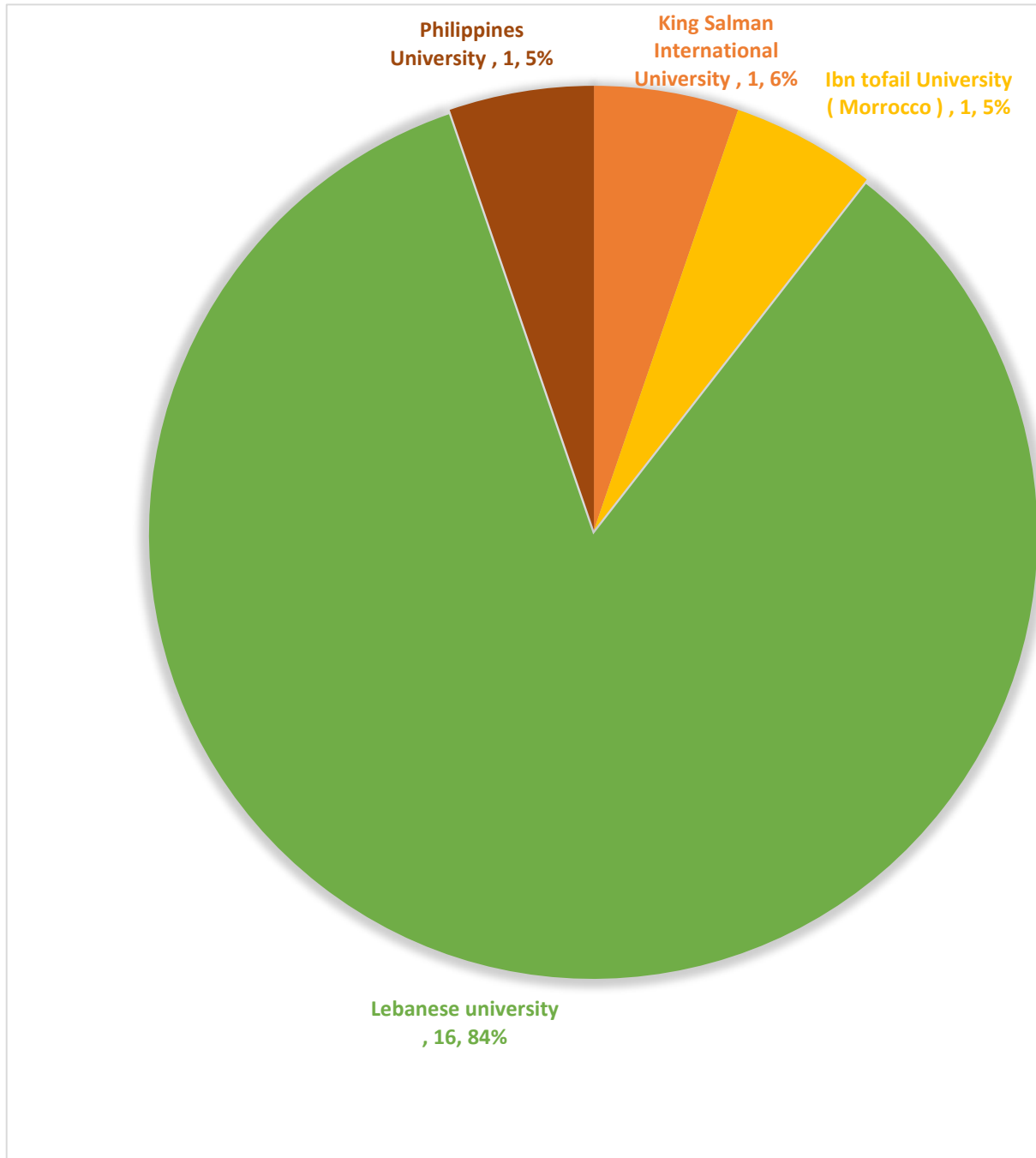| Metric	Components
Working with government	**Provide outreach, general education, upskilling and capacity-building to policy- and law-makers on relevant topics e.g. economics, law, technology, climate change**

Count of Registered Universities in the Event:

1. Participant Universities In Egypt

Chart: Total Number Of participants

University	Total Number Of participants
AUC	1
Egyptian Russian Unversity	1
Egypt-Japanese University	1
Delta University	1
BUE University	1
Aswan University	1
New Cairo University	1
nahda universitu	1
MTI	1
Minya University	3
Luxor University	2
Candian International Colleage	2
Ahram Candian University	2
Kafr-sheikh University	4
Banha University	4
Fayoum University	5
Bani-seuf University	5
Arab Acadmey University	5
Al-Azhar University	5
6th October University	5
Future University	7
Must University	9
Tanta University	11
Mansoura University	13
Alexandria University	15
Ain-shams University	26
Helwan University	44
Cairo University	56
MSA University	350

2. Participant International Universities

Philippines University , 1, 5%

King Salman International University , 1, 6%

Ibn tofail University (Morrocco) , 1, 5%

Lebanese university , 16, 84%

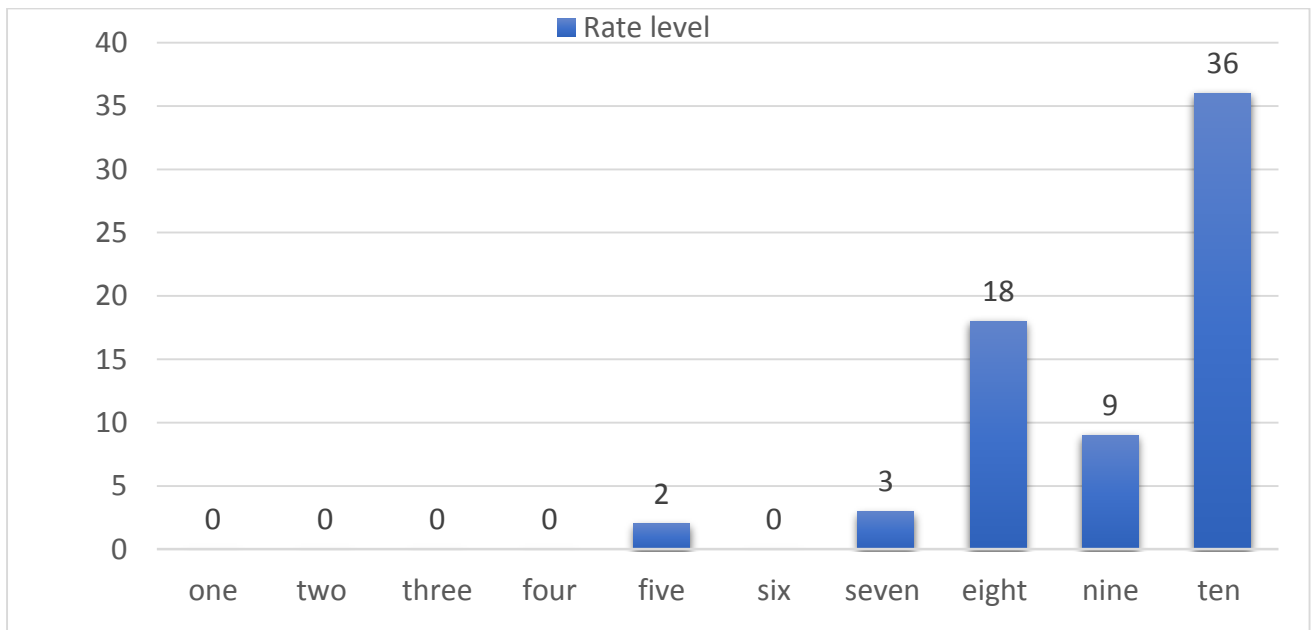# First Meet up Feedback

Based on the feedback survey:

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

Comments

Perfect
Nothing
Very useful
I like it it was full of information about the new technology 5G car driving which is great topic.
Thank you and looking forward for the rest.
Very well preparation and excited for more sessions
It is very interesting
Very good session
Professional and useful session
Great Job
We need a training or vist for Valeo
I have benefited a lot from this wonderful experience. Thanks to those who organized this work
The session was so productive and interesting, waiting for the other sessions
The session was well organized and I got so many information that will help me
It was very helpful
Awesome session
Perfect session I hope we continue on the same level
Amzaing Surprising meeting & also very organizing , That make me looking forward for more that keep me up to date for nowdays & future technologies in the market . Keep the good job & wish all good for you 👌👍👍👍
The zoom session was meaningful and full of knowledge.
There is nothing to be stated the session was quite good.
Thanks for this event
Great Job
One of the best lectures I attended recently, in terms of the quality of the sound and the image, I thank Dr. Ahmed Fawzi for his effort and Engineer Reem Essam for the quality of the organization

We need a training or vist for Valeo
The zoom session was meaningful and full of knowledge.
It was clear to everyone that a Great effort made to reach this level of the online session. Big thanks to all, and special thanks to Dr Fawzy ElDaw🤲🤲
The meeting was really great, but it only lacked sharing and involving students, however I think everyone including me enjoyed this session.
Excellent, Session thanks very much
There is nothing to be stated the session was quite good.
It was very useful session♥□
Perfect and useful sessions
The zoom session was meaningful and full of knowledge.
Perfect
very good
Waiting for the upcoming sessions
There is nothing to be stated the session was quite good.
It was great , all appreciation to the doctors and engineers who cooperate
Look for more good sessions like this
⬆⬆ TOP TOP
Very good
such a great effort cannot wait to see what you have for us in the upcoming months
Very helpful session
It was useful and I hope they held more training
thanks for your efforts
Perfect instructor
No
thanks for your effort
Very good
Iam proud of i was one of members of that online meeting
..
Good event and wait for more
Sessions was really good and useful for me
It was very informative and helpful
Nothing
I think you can improve the sessions by add some particular sessions

The session was well organized. It was a pleasure and an honor to get a chance to attend the meetup. overall it was very helpful and enlightening. one recommendation would be being more flexible about taking more questions from students. Thank you.
The conference was very good
Amazing
Good
give us new information in this session
Good
Good
The session was great
Good . But I need to listen about internships opportunity for students at Valeo
Voice quality was really bad from the main speaker
Such a great effort can't wait to see what you have for us in the upcoming months.
Q&A slot is very short and there is not a new thing Dr Ahmed talks about this topic before in iEEE youth Profesional
المواعيد بتمون في ميعاد المحاضرات و دا بيأثر علي الغياب ف ياريت لو نقدر نخلية بليل شويه