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**LCAR-2021**

المؤتمر الليبي للأتمتة والروبوتات  
Libyan Conference on Automation and Robotics



الجمعية الليبية للأتمتة والروبوتات  
Libyan Society for Automation and Robotics

**المؤتمر الليبي للأتمتة والروبوتات**

**Libyan Conference on Automation and Robotics**

**قاعة المؤتمرات - مجمع ذات العمد**

**8-7 يوليو 2021    طرابلس - ليبيا**

**7-8 July, 2021    Tripoli - Libya**

**[www.lcar2021.ly](http://www.lcar2021.ly)**



المدار  
الجديد



الهيئة العامة للغذاء والدواء  
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## KEYNOTE SPEAKERS

## Prof. Abdelmagid Hamouda (<https://www.qu.edu.qa/engineering/ADAA/contact-us>)

*Professor and Associate Dean for Academic Affairs*

*College of Engineering  
Qatar University*

Dr. Hamouda is a professor of Mechanical Engineering. He was Head of Mechanical and Industrial Engineering Department, Associate Dean for Research and Graduate Studies, Director of Gas Processing Center, Qatar University, and Dean of College of Engineering, Qatar University. He has published over 400 articles, and listed in Top 2% highly cited researcher in the world by Stanford University and Elsevier, USA.



### Research Interests

- Composite Materials
- Multifunctional Materials
- Computational Mechanics
- Engineering Education
- Road Safety

**Lecture:** "Moving towards fifth industrial revolution - Rise of robots and drones"

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## Dr. Sumeet S. Aphale (<https://www.abdn.ac.uk/engineering/people/profiles/s.aphale>)

*Ph.D. (Electrical Engineering), CEng, MIET, SMIEEE*

*School of Engineering  
University of Aberdeen*

Dr. Aphale is an associate professor of electrical engineering and leader of Aberdeen robotics and mechatronics systems group (ARMS).

### Research Interests:

- Robot kinematics, Parallel robots, Soft Robots
- Control of Mechatronic systems
- Dynamics and Control of HVDC Grid interactions
- Dynamics and Control of Nonlinear systems
- Smart materials and structures
- Vibration control



**Lecture:** "Recent developments in control of nanopositioning systems"

## Prof. Othman Omran Khalifa (<https://www.iium.edu.my/directory/show/4119>)

*Ph.D. in Electrical and Electronics Engineering*

*International Islamic University Malaysia, IIUM,  
Malaysia*

Dr. Khalifa is a professor of electrical & electronics engineering, worked as head of department of Electrical and computer Engineering at IIUM, a Charter Engineer in UK, a senior member of IEEE USA. Prof. Khalifa has supervised more than 60 MSc and PhD theses, and has published 12 books and more than 450 papers.



### **Research Interests:**

- Communication Systems
- Signal analysis
- Cyber security
- Machine and Deep learning

**Lecture:** "Robotic vision object recognition using Deeplearning"

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✉ : [info@lcar2021.ly](mailto:info@lcar2021.ly) (<mailto:info@lcar2021.ly>)

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