

Profile

Ebeid has received his Ph.D. degree in Distributed Embedded Systems from the University of Verona, Italy with a European Doctorate label in 2014. Currently, Ebeid is working as an Associate Professor at Mærsk Mc-Kinney Møller Institutet, University of Southern Denmark.

Ebeid's areas of research interest are embedded systems, drone system design, object detection and tracking, smart grids, and IoT. Currently, Ebeid is researching drone designs to operate and grasp on overhead energized cables for inspection and recharging.

Ebeid is the Coordinator of the EU H2020 Drones4Safety project and Innovation Fund Grand solutions Drones4Energy project. Previously, he has been involved in several EU projects in Embedded Systems and Smart Grids.

Professional Experience

2020 - Now	Project Coordinator of EU H2020 Drones4Safety project.
2019 - nu	PI of H2020 Aerial-Core project.
2019 - nu	Lektor, Syddanske Universitet.
2019 - Now	Project Leader of Grand Solutions IFD Drones4Energy project.
2018 - 2020	PI and Work package leader of H2020 TeamPlay project.
2017 - 2019	Project coordinator of SDU LightHouse Drones for Energy project.
2017 - 2019	Assistant Professor at the University of Southern Denmark, Denmark.
2014 - 2016	Post doctoral researcher at Aarhus University, Denmark.
2011- 2014	Ph.D. fellow at Verona University, Italy.

Teaching Experience

Since 2007, Ebeid has been teaching and assisting master's and bachelor's degree students in electronics, communication, and computer engineering field of study. He has co-supervised several Ph.D, master's, bachelor's thesis projects.

2019:	Robot Electronics
2019	System Design of Intelligent Collaborating Systems, Master degree, 5 ECTS
2017 - 2019	Expert in Teams (Southern Denmark University, Bachelor's degree, 10 ECTS)
2017	Programming of robots and other physical devices (Southern Denmark University, Master's degree, 5ECTS)
2016	Middleware and Communication Protocols for Dependable System (Aarhus University, Master's degree, 5 ECTS)
2015 - 2016	IP-based Wireless Communication and Internet of Things, (Aarhus University, Master degree, Teaching Assistant)
2012 - 2014	Software Engineering (Verona University, Master, Teaching Assistant)
2012 - 2014	Computer Architecture and Operating Systems (Verona University, Master, Teaching Assistant)
2011 - 2014	Networked Embedded Systems (Verona University, Master, Teaching Assistant)
2007 - 2010	Teaching Assistant in different courses in digital electronics and communication engineering bachelor degree program

Professional memberships and other related functions

2017 - Nu	IEEE Senior member
2014 - Nu	Session organizer and member of Technical Program Committee at the Euromicro Conference on Digital System Design (DSD)
2011- Nu	Member of IEEE and IEEE ComSoc.

Undervisning og vejledning

System Design of Intelligent Collaborating Systems, (F20)

Emad Samuel Malki Ebeid
07/02/2020 → 23/05/2020

System Design of Intelligent Collaborating Systems, (F19)

Emad Samuel Malki Ebeid
04/02/2019 → 29/05/2020

Robot Electronics, (E19)

Emad Samuel Malki Ebeid
05/09/2019 → 23/01/2020

Programming of robots and other physical devices, (F17)

Emad Samuel Malki Ebeid
07/02/2017 → 31/05/2017

Masters Thesis - 40 ECTS, (F19)

Emad Samuel Malki Ebeid
03/09/2018 → 30/06/2019

Masters Thesis - 30 ECTS, (F19)

Emad Samuel Malki Ebeid
04/02/2019 → 30/06/2019

Masters Thesis - 30 ECTS, (E19)

Emad Samuel Malki Ebeid
02/09/2019 → 24/01/2020

Information technology in an automation context (F18)

Emad Samuel Malki Ebeid
05/02/2018 → 31/05/2018

Experts in Teams, (E17)

Emad Samuel Malki Ebeid
04/09/2017 → 31/01/2018

Experts in Team Innovation, (E18)

Emad Samuel Malki Ebeid
03/09/2018 → 31/01/2019

Teaching Philosophy

I believe the fundamental goal of teaching is to enhance the learning process. There are many different circumstances and contexts for learning. Although everyone is capable of learning, a student's desire to learn is a vital pre-condition to effectively mastering new concepts and skills. There are multiple learning styles: some students learn best in lecture atmospheres, some are motivated by discussion, and others absorb best when they read and reflect on what they have read. The classroom setting can encourage or inhibit learning depending on the dominant learning style of each student. However, the instructor creates the learning habits in which will be absorbed by the students. If the instructor does not show interest in the subject and a passion for learning, students are less likely to put forth the effort to learn in that class.

Therefore my mission, as a lecturer, is to create an atmosphere that fosters learning. One of the best ways which I have learnt during Teacher Training course to foster learning is to use new teaching strategies such as blended learning to have a more effective classes than purely face-to-face or purely online classes. Therefore, I treat subject matter as interconnected, emphasizing that everything students are learning fits together into a holistic understanding of the world, from which they develop their personal world view. I believe this is best accomplished when I am thinking about a general

research methodology.

Teacher training

Teacher Training Programme at Centre for Teaching & Learning, Aarhus University, Denmark, 2016.