

## **Dr. Danial Esmaeili Aliabadi**

Danial Esmaeili Aliabadi received his M.Sc. in Industrial Engineering from Qazvin Azad University, Iran in 2011 with high honors. His master thesis focused on the optimization of an integrated multi-item supply chain with multiple supplier and single retailer. While he was working on his M.Sc. thesis, he joined a multidisciplinary research team on the robotic field and participated in international RoboCup competitions from 2009 to 2011. As a result of his collaboration, he received many international awards. He pursued his Ph.D. in the Department of Industrial Engineering at Sabanci University, Istanbul, between 2012 and 2016. His dissertation is in the area of electricity markets and energy planning, in which he has particularly focused on understanding the dynamics of electricity markets in the case of tacit collusion and existence of market power. Through his contribution, multiple research articles have been published in the prestigious energy journals such as Energy Policy and Applied Energy. His research interests include agent-based simulation, optimization, game theory, and machine learning.