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Prof. Dr. Noshin Omar obtained his M.S. degree in Electronics and Mechanics from Erasmus University College Brussels. He obtained his PhD in 2012 in the department of Electrical Engineering and Energy Technology ETEC, at the Vrije Universiteit Brussel, Belgium.

He is the head of the Battery Innovation Center of VUB. Currently he is coordinating several national and European projects in the field of characterisation, electrical, thermal, electrochemical and lifetime modelling of various rechargeable energy storage systems. He was and is still active in various European projects such as SUPERLIB, BATTERIES2020, FIVEVB, ORCA, GHOST, IMAGE, OBELICS, ASSURED (coordinator). He is authors of more than 130 scientific publications.

His research interests include characterization, modeling (electrical, thermal, ageing) and system development of electrical double-layer capacitors and batteries in BEV's, PHEV's, HEV's and stationary applications. He is also active in several international standardization committees such as IEC TC21, ISO/TC 22/SC 37.