**Prof. Suleyman Er.**

**Brief CV:**

Dr. Er is the head of [AMD] Research Group at DIFFER, the Netherlands. His group develops and uses automated virtual materials discovery frameworks – powered by high-throughput physics-based classical and quantum calculations, artificial intelligence methods, and advanced data-infrastructures – to accelerate the discovery of molecules and materials for energy applications. Before joining DIFFER, he studied chemistry at Bilkent University in Turkey and obtained his PhD in physics from University of Twente in the Netherlands. Subsequently, he worked as a Young Energy Scientist Fellow, first at Harvard University in the USA, and then at Leiden University in the Netherlands. During his previous studies, he has been involved with various small- and large-scale computational research projects on materials modelling and discovery for energy conversion and storage applications. Currently, his [AMD] research group has highly integrated research lines that individually focusing on computation on battery and catalyst materials and data-driven method development to accelerate the search for good materials. His group is active in developing materials and methodological research output as well as open programming tools and FAIR databases, usually through collaborations with (inter)national public and private research organizations.

Website: https://www.amdlab.nl