

ERC Consolidator Grant

APOLLO

Title: Advanced Signal Processing Technologies for Wireless Powered Communications

Acronym: APOLLO

- ERC Consolidator Grant

<https://apollo.ucy.ac.cy/>

2019-2025

Description:

Inspired by the idea of Nikola Tesla on wireless power transfer (i.e., the transmission of energy without wires), APOLLO aims to design next-generation energy-efficient and energy-autonomous wireless networks, which will avoid the use of cables for battery recharging purposes as well as the replacement of batteries. The ERC Consolidator Grant APOLLO targets fundamental issues regarding the modeling, analysis, design and implementation of wireless powered communication systems.