German Jordanian University (GJU)

organizes the

2026 Fourth International Conference on Sustainable Mobility Applications, Renewables and Technology (SMART)

October 18-21, 2026, **http://smart-conf.com**

الجامعة الألمانية الأردنية
German Jordanian University

Smart

FIRST CALL FOR PAPERS

VENUE

SMART 2026 will be hosted by the German Jordanian University (GJU) which is located in the north of Madaba, Jordan. Madaba is a city renowned as the "City of Mosaics" and is famous for its ancient and well-preserved Byzantine and Umayyad mosaics, particularly the Madaba Mosaic Map in St. George's Church. The city's main attractions include the Madaba Archaeological Park, Mount Nebo, and nearby Ma'in Hot Springs. Moreover, SMART 2026 attendees will have the opportunity of exploring one of the seven new wonders of the world and a UNESCO world heritage site, that is the city of Petra. The visit will be scheduled within a one-day post-conference journey.

AIMS AND SCOPE

SMART 2026 is intended to be a forum of specialists coming from academia and industry involved in R&D projects boosting the sustainable development with emphasis on mobility, energy, buildings and more general smart cities. SMART 2026 will be an opportunity to share their scientific, technical, business and social experiences.

TOPICS

SMART 2026 covers topics dealing with the sustainable mobility (SM), those dedicated to renewable energies (RE), those allied to green buildings and industrial processes (GBI), and those shared by these topics (ST), including (but not limited to) the following:

SM1: EVs, HEVs, PHEVs, and MHEHs powertrains and energy management systems.
SM2: electric drivetrain components design, sizing, optimization, modeling, identification, and control.
SM3: EVs and PHEVs charging, conductive/inductive charging, V2G strategies, battery performance assessment, fuel cells and hydrogen infrastructure, ultracapacitors, hybrid power supplies.
SM4: autonomous vehicles, AI guidance, localisation and mapping, robust perception, safety assessment.

RE1: wind energy assessment, wind generating systems design and control, grid interfacing, grid code requirements, onshore/offshore systems.
RE2: PV topologies optimization, solar inverters, off grid PV systems, grid interfacing, MPPT.
RE3: PV-based water pumping, desalination and treatment, floating PV systems, solar heating.
RE4: wave and tidal energies, geothermal energy, hydropower, biomass, smart grid, hybridization.

GBI1: green architecture, sustainable construction materials and process, integration of renewables, water supply.
GBI2: indoor environmental quality enhancement, ICT applied to green buildings, renewables-assisted power supply, thermal comfort, smart homes.
GBI3: energy efficiency improvement of industrial processes, decarbonization challenges, sustainable industry 5.0.
GBI4: sustainable computing applications, IT tool energy- and thermal-aware management, data centers carbon footprint.

ST1: carbon footprint reduction policies, life cycle prediction and analysis, working towards an energy efficient environment.
ST2: Market analysis, research and prediction, economic benefits in short and long terms, employment, training.
ST3: national and youth programs, public education, codes and standards, regulation.
ST4: maintenance, second life, recycling, waste treatment.

SUBMISSION

Prospective authors are invited to submit their extended abstracts fulfilling the requirements given in the Author Guidelines window of the website, no later than April 24, 2026.
Submissions should be done via the conference manuscript central available in the link: http://smart-conf-manuscriptcentral