



ARTEMiS | CPU-based Electrical Toolbox Customers

ARTEMiS is a CPU-based Electrical Toolbox for users of the Simscape Electrical™ (formerly SimPowerSystems™) wanting to accelerate or simulate power system and power electronics models in real time. ARTEMiS provides enhanced solvers and algorithms to ensure reliable, accurate and fixed time step computations, essential for real-time simulations. In addition, ARTEMiS uses advanced decoupling methods that do not introduce artificial delays and thus won't compromise the validity of the model. This is important when simulating complex large-scale power grid and drive models. With ARTEMiS you will obtain realistic results, in real-time.

PROUD USERS OF ARTEMiS

Europe

- ABB
- Boğaziçi Elektrik Distribution
- CEA Tech en Pays de la Loire
- CENER
- CentraleSupélec
- Centro Nacional del Hidrógeno
- CERN
- CSIR
- DNV GL
- Eaton Power Quality
- EDF
- Enel
- Energias de Portugal (EDP)
- ENGIE Laborelec
- EPFL
- FGC RDCPE
- Forschungszentrum Jülich
- Fraunhofer IEE
- G2ELAB SYREL
- GE Energy Power Conversion
- GE Grid solutions
- GEIRI Europe
- GPTEch
- HES-SO Valais-Wallis
- ICSI
- Ingeteam
- Instituto de Energias Renovables (IER)
- ITER Organization
- Joint Research Centre of European Commission, Institute for Energy and Transport (IET)
- JRC Petten
- Karlsruher Institut für Technologie (KIT)
- KIOS Research Center
- Maschinenfabrik Reinhausen
- Offshore Renewable Energy Catapult
- Politecnico di Bari
- Politecnico di Torino
- Power Electronics SA
- Repsol
- Ricerca Sistema Energetico (RSE)
- R&D NESTER
- RTE, Centre National d'Expertise Réseaux
- Schneider Toshiba Inverter Europe (STIE)
- SGRI Europe GmbH

- Siemens Gas and Power
- SINTEF
- SNCF
- Sonceboz
- SunPower
- Vestas Wind Systems

North America

- Air Force Research Laboratory (AFRL)
- Argonne National Laboratory
- Bombardier Aerospace
- Caterpillar
- Cinvestav Guadalajara
- Cummins Power Systems
- Eaton Corporation
- First Solar
- General Motors
- Global Energy Interconnection Research Institute North America
- Hydro Québec
- Idaho National Lab, Power & Energy Systems
- Institut de recherche d'Hydro-Québec (IREQ)
- Instituto Nacional de Electricidad y Energías Limpias (INEEL)
- Lawrence Berkeley National Laboratory
- MIT Lincoln Laboratory
- National Energy Technology Laboratory (NETL)
- National Institute of Standards and Technology
- National Renewable Energy Laboratory (NREL)
- Natural Resources Canada, CanmetENERGY
- Naval Facilities Engineering Command (NAVFAC)
- Nebraska Applied Research Institute (NARI)
- NEC Laboratories America
- New York Power Authority (NYPA)
- Oak Ridge National Laboratory
- Pacific Northwest National Laboratory
- Rockwell Automation
- Romeo Power Technology
- S&C Electric Company
- Sandia National Laboratories
- Siemens Corporate Technology, Princeton
- SLAC National Accelerator Laboratory
- U.S. Air Force
- U.S. Army S3I
- U.S. Naval Academy
- U.S. Navy



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Asia Pacific

- Beijing Zongheng Electro-Mechanical Technology Development
- BYD Auto
- ChangAn Automotive Engineering Institute - Beijing
- China Electric Power Research Institute (CEPRI)
- China Southern Power Grid
- Commercial Aircraft Corporation of China
- CRRC Qingdao Sifang Rolling Stock Research Institute
- Daewoo Shipbuilding & Marine Engineering (DSME)
- DAIHEN
- Delphi Automotive Systems Private Limited
- Dongfang Electric Corporation (DEC)
- Ford China
- Fuji Electric
- Fujian Electric Power Science Research Institute
- Guangdong Power Grid Corporation
- Guangzhou Institute of Energy Conversion, CAS
- Guangzhou Jin Hong Electronic Technology
- Harbin Electric Corporation
- Hitachi
- Huaneng Clean Energy Research Institute (CERI)
- Huawei Technologies
- HUNTER MARINE
- Hyundai Heavy Industries
- Inner Mongolia Power Group
- Jiangxi Electric Power Science Research Institute
- Kawasaki Heavy Industries
- Korea Aerospace Industries (KAI)
- Korea Electric Power Corporation (KEPCO)
- Korea Electrotechnology Research Institute (KERI)
- Korea Institute of Energy Research (KIER)
- LG Electronics
- Lin Qun Motor Factory
- Meidensha Corporation
- Mitsubishi Heavy Industries
- Mitsubishi Electric
- Nanjing YueBoo Power System
- Nanjing Zhi Rui Energy Internet Institute
- NARI Relays
- National Applied Research Laboratories (NARL)
- National Institute of Clean-and-Low-Carbon Energy (NICE)
- Nissin Electric

- Qinghai Electric Power Test and Research Institute SGCC
- REnergy Electric Tianjin
- Research Centre Imarat (RCI)
- Shanghai E-Propulsion Auto Technology
- Shanghai Electrical Apparatus Research Institute (Group)
- Shanghai Zhenhua Heavy Industries
- Shenzhen Greatland Electrics
- Shenzhen Polytechnic
- Shenzhen Power Supply Bureau
- Sieyuan Electric
- Sinopec Dalian Research Institute of Petroleum And Petrochemicals
- State Grid Shandong Electric Power Company
- State Grid Zhejiang Electric Power Company Electric Power Research Institute
- Sungrow Power Supply
- Suzhou Inovance Technology
- Tata Motors Limited
- Tianjin Electric Power Corporation
- TMEIC
- TNB Research
- TNB TRANSMISSION
- Tokyo Electric Company (TEPCO)
- Toshiba
- Toyota Technological Institute
- Union Plus Hong kong Development Limited
- Wuxi Electric Appliance Co.
- Xi'an XD Power Systems

Middle East & Africa

- Aswan Power Electronics Applications Research Center
- ENPO
- Qatar Environment & Energy Research Institute

Latin America

- CEPEL
- Edutelsa

Over 200 Universities around the world also use ARTEMiS.

