

CALL FOR PAPERS

PRECEDE 2027

2027 IEEE International Conference on Predictive Control of Electrical Drives and Power Electronics

DATES	VENUE	PROCEEDINGS
June 3-6, 2027	Beijing, China	IEEE Xplore

The Ninth IEEE International Conference on Predictive Control of Electrical Drives and Power Electronics (PRECEDE 2027) will bring together researchers from both academia and industry, and share research findings and discuss future developments in **model predictive control for electrical drives and power electronics**. Technical papers are solicited on any subject pertaining to the scope of the conference.

TOPICS OF INTEREST

- New MPC methods for electrical drives and power electronics
- Robust predictive control solutions
- Implementation issues of MPC (FPGA, DSP, etc.)
- Data-driven predictive control techniques
- Artificial intelligence in predictive control
- Predictive control for power systems, smart- and micro-grids, electric vehicles and other energy conversion systems

IMPORTANT DATES

SUBMISSION OPENS	DIGEST DEADLINE	ACCEPTANCE NOTICE	FINAL PAPER
Sep 30, 2026	Dec 15, 2026 ~~Nov 30, 2026~~ EXTENDED	Feb 28, 2027 ~~Jan 31, 2027~~ EXTENDED	Mar 31, 2027

HOW TO SUBMIT

- → Submit a **single-column digest** using the official template
- → Maximum **five (5) pages**, including references
- → Include key equations, figures and tables — **no author names or affiliations**
- → State the objectives, significance and specific results clearly
- → **Double-anonymous review**; presented papers are submitted to IEEE Xplore

Digests not conforming to these requirements will be rejected without review.

WEBSITE

www.precede2027.com

CONTACT

precede2027@tsinghua.edu.cn
precede2027@ncepu.edu.cn

GENERAL CHAIR

Yongdong Li · Tsinghua University, China

GENERAL CO-CHAIRS

Yongchang Zhang · North China Electric Power University, China
Zedong Zheng · Tsinghua University, China

PRECEDE 2027 · Beijing

Ninth IEEE International Conference on Predictive Control of Electrical Drives and Power Electronics · June 3–6, 2027

A CONFERENCE SERIES SINCE 2011

2011	2013	2015	2017	2019	2021	2023	2025	2027
Munich, Germany	Munich, Germany	Valparaiso, Chile	Pilsen, Czech Rep.	Quanzhou, China	Jinan, China	Wuhan, China	Nanjing, China	**Beijing, China**

ORGANIZING COMMITTEE

GENERAL CHAIR

Yongdong Li · Tsinghua University, China

GENERAL CO-CHAIRS

Yongchang Zhang · North China Electric Power University, China

Zedong Zheng · Tsinghua University, China

FINANCE CHAIRS

Kai Sun · Tsinghua University, China

Guorui Xu · North China Electric Power University, China

SECRETARIAT

Qing Chen · Tsinghua University, China

Haitao Yang · North China Electric Power University, China

HONORARY CHAIRS

Ralph Kennel · Technical University of Munich, Germany

Jose Rodriguez · Universidad San Sebastian, Chile

Patrick Wheeler · University of Nottingham, U.K.

Dianguo Xu · Harbin Institute of Technology, China

Zi-Qiang Zhu · Hong Kong Polytechnic University, China

AWARD CHAIRS

Ralph Kennel · Technical University of Munich, Germany

Jose Rodriguez · Universidad San Sebastian, Chile

Dianguo Xu · Harbin Institute of Technology, China

TECHNICAL PROGRAM CHAIRS

Fernanda Carnielutti · Federal University of Santa Maria, Brazil

Marcelo Heldwein · Technical University of Munich, Germany

Marco Rivera · University of Nottingham, U.K.

Fengxiang Wang · Chinese Academy of Sciences, China

Xi Xiao · Tsinghua University, China

Zhenbin Zhang · Shandong University, China

SPONSOR & EXHIBITION CHAIRS

Kui Wang · Tsinghua University, China

Haisen Zhao · North China Electric Power University, China

INTERNATIONAL STEERING COMMITTEE

Mohamed Abdelrahem · Assiut University, Egypt

Haitham Abu-Rub · Hamad Bin Khalifa University, Qatar

Ricardo Aguilera · University of Technology, Australia

Oluleke Babayomi · Kumoh National Inst. of Technology, South Korea

Fernanda Carnielutti · Federal University of Santa Maria, Brazil

Qing Chen · Tsinghua University, China

Alireza Davari · Shahid Rajaee Teacher Training University, Iran

Mario J. Duran · University of Malaga, Spain

Xiaonan Gao · Northwestern Polytechnical University, China

Cristian Garcia · Aalborg University, Denmark

Tobias Geyer · ABB, Switzerland

Ferdinand Grimm · Lund University, Sweden

Christoph Hackl · Munich University of Applied Sciences, Germany

Marcelo Lobo Heldwein · Technical University of Munich, Germany

Jiefeng Hu · Federation University Australia, Australia

Petros Karamanakos · Tampere University, Finland

Ralph Kennel · Technical University of Munich, Germany

Davood Arab Khaburi · Iran Univ. of Science and Technology, Iran

Samir Kuoro · Luxembourg Inst. of Science and Technology, Luxembourg

Qi Li · Technical University of Munich, Germany

Yongdong Li · Tsinghua University, China

Xing Liu · Zhejiang University, China

Zhixun Ma · Tongji University, China

Margarita Norambuena · Univ. Tecnica Federico Santa Maria, Chile

Mario Pacas · University of Siegen, Germany

Xin Qi · University of Science and Technology Beijing, China

Lin Qiu · Zhejiang University, China

Marco Rivera · University of Nottingham, U.K.

Jorge Rodas · Universidad Nacional de Asuncion, Paraguay

Jose Rodriguez · Universidad San Sebastian, Chile

Alfeu Sguarezi · Federal University of ABC, Brazil

Wensheng Song · Southwest Jiaotong University, China

Xiaodong Sun · Jiangsu University, China

Wei Tian · Technical University of Munich, Germany

Sergio Vazquez · Universidad de Sevilla, Spain

Benfei Wang · Sun Yat-Sen University, China

Fengxiang Wang · Chinese Academy of Sciences, China

Gaolin Wang · Harbin Institute of Technology, China

Junxiao Wang · Zhejiang University of Technology, China

Patrick Wheeler · University of Nottingham, U.K.

Xi Xiao · Tsinghua University, China

Haotian Xie · Chinese Academy of Sciences, China

Dianguo Xu · Harbin Institute of Technology, China

Wei Xu · Chinese Academy of Sciences, China

Pericle Zanchetta · University of Pavia, Italy

Xiaoguang Zhang · North China University of Technology, China

Yongchang Zhang · North China Electric Power University, China

Zhenbin Zhang · Shandong University, China

Zedong Zheng · Tsinghua University, China

Jianguo Zhu · University of Sydney, Australia

Zi-Qiang Zhu · Hong Kong Polytechnic University, China

DIGEST SUBMISSION DEADLINE

December 15, 2026

~~November 30, 2026~~ EXTENDED

SUBMIT AND REGISTER AT

www.precede2027.com