2027 | IEEE INTERNATIONAL CONFERENCE

SMAREM 2027

SMART MODELLING FOR RENEWABLES AND ELECTRIC MOBILITY

IEEE Italy Section

PERUGIA / ITALY

08—10 JUNE 2027



CALL FOR CONTRIBUTIONS

RENEWABLE ENERGY / ELECTRIC MOBILITY / POWER ELECTRONICS & SMART SYSTEMS

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ABOUT THE CONFERENCE

SMAREM 2027 brings together academia and industry to present advances in renewable energy, electric mobility and enabling electrical technologies. The conference welcomes original contributions from system modelling and intelligent control to power electronics for renewable energy and electric mobility integration. All accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore, subject to meeting IEEE's scope and quality requirements.

MAIN TECHNICAL TRACKS

T1 Renewable Energy and Smart Grid Integration

Renewable generation, microgrids, grid integration and energy management.

T2 Electric Mobility and Charging Infrastructure

Electric-vehicle technologies, smart and bidirectional charging, V2G.

T3 Battery and Energy Storage Systems

Batteries, hybrid storage, power converters, electric drives, SiC/GaN.

T4 Smart Modelling, AI and Control

Forecasting and nowcasting, digital twins, physics-informed and data-driven models, edge AI, optimization and predictive control.

TWO OPEN CALLS

CALL FOR SPECIAL SESSIONS

Propose a focused topic with clear objectives and scientific relevance. Organizers should aim for at least five papers; proposals will be evaluated by the committee.

Proposal template: website

Deadline: 10th January 2027

CALL FOR PAPERS

Submit original research within the conference scope. Full papers will undergo peer review. The proposed format is 4–6 pages in IEEE two-column style.

Portal and guidelines: forthcoming

Deadline: 25th February 2027

Scientific program: 4 main tracks; Special Sessions to be announced following review of proposals.

IMPORTANT DATES Special Session proposals: 10th January 2027 | Full papers: 25th February 2027 | Acceptance: 31st March 2027 | Final manuscript: 15th May 2027

VENUE Planned: Aula Magna, Department of Engineering, University of Perugia, Italy | Language: English

TECHNICAL SPONSORS

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Dates, submission arrangements, IEEE branding and sponsorship status subject to confirmation.