

ISSUE: January 2025

# Call For Papers: World Magnetic Conference—Coil Winding Innovation In The Spotlight

<u>Coiltech North America 2025</u>, which will be held June 11-12 in Novi, Michigan (in the greater Detroit area), is set to become a key platform for the *full coil winding supply chain*. A two-day gathering of the most innovative players in electric motors, transformers, and generators, this edition of Coiltech secured over 200 booked booths in the first six months since the announcement of its launch.

Central to the event is the <u>World Magnetic Conference (WMC)</u>, a prestigious forum connecting academic and industry leaders to share cutting-edge research, technical advancements, and practical solutions for the design, production, and maintenance of energy-efficient systems in power grids and industrial equipment.

#### Why The WMC Matters

The WMC addresses the most relevant challenges in coil winding today, including materials, manufacturing technologies, e-mobility, and advanced powertrains. As the U.S. invests in modernizing its power grid and advancing energy efficiency, the conference offers an unparalleled opportunity to *present research*, *gain visibility*, and connect with decision-makers across the industry.

#### Technical Excellence, No Fees

Participation in the WMC is free of charge. Presentations are selected by the steering committee based on technical merit, ensuring the highest standards. The committee is chaired by professor Marco Villani of the University of L'Aquila (Italy) and includes respected experts such as professor Achim Kampker of RWTH Aachen University (Germany), professor Florian Risch of Friedrich-Alexander-University Erlangen-Nuremberg (Germany), R. Winter of ZVEI (Germany), and A. Credo of the University of L'Aquila (Italy).

### How To Submit Your Proposal

To be part of the WMC, submit your presentation title, a five-line abstract, and your name via the <u>submission</u> form by March 7, 2025. Accepted speakers will be notified by March 28, and the final program will be published in April. Full guidelines are available <u>here</u>.

The WMC invites papers on key topics relevant to the coil winding industry, including:

## Topics 2025

**III** Electric mobility

Advanced integrated powertrains for electric vehicles

T3 Electric motor industry

Transformers

T5 Electric motors for pumps and compressors

T6 Special electrical machines and actuators

Ev charging stations and batteries

T8 Electric motors for household appliances

Measurements and testing of electric machines

**Materials** 

T11 Manufacturing technologies

T12 Software

This comprehensive agenda reflects the pressing challenges and opportunities in coil winding innovation.

For further details, contact  $\underline{wmconference@quickfairs.net}$ .

Submit your proposal by March 7, 2025, and join us in shaping the future of coil winding innovation.