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The Automotive Corrosion Symposium is organized by industry professionals addressing automotive corrosion from a variety of technical perspectives.

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AUTO *Technology*

ACCELERATED CORROSION SYSTEMS & TESTING

Auto Technology Company designs and manufactures corrosion test chambers and provides accredited corrosion testing services for automotive OEMs, suppliers, and materials engineers. We support OEM cyclic corrosion methods and industry standards, with a focus on the variables that drive real results—cycle transitions, wetting behavior, atomization, airflow, and environmental consistency.

Our A2LA-accredited laboratory runs both standard and custom programs for qualification, validation, and failure analysis. We also provide proficiency testing, calibration, preventive maintenance, parts, and testing supplies.

Based in Strongsville, Ohio, Auto Technology supports corrosion programs requiring reliable, repeatable data. www.autotechnology.com



Q-Lab Corporation has been a global provider of material durability testing products and services since 1956. We design and manufacture QUV accelerated weathering testers and Q-SUN xenon arc testers for testing weathering and light stability, and Q-FOG cyclic corrosion testers for testing corrosion resistance. We also offer a range of Q PANEL standard test substrates. Contract test services which include accelerated laboratory testing are available at Q-Lab Florida and Q-Lab Deutschland. Outdoor exposure testing for weathering, lightfastness, and corrosion are available at Q-Lab Florida and Q-Lab Arizona.

Our weathering products and services are used by materials scientists and technicians in numerous industries including: additives and colorants, adhesive and sealants, automotive, building materials (such as roofing and siding), fabrics/textiles, food and beverages, graphic arts/inks, paints and coatings, pharmaceuticals and cosmetics, plastics and packaging, and renewable energy (such as solar).

Our modern corporate headquarters, R&D, and manufacturing facilities are located in Westlake, a beautiful suburb of Cleveland, Ohio USA. Q-Lab sales and distribution facilities are located in Manchester, England; Saarbrücken, Germany; and Shanghai, China. Q-Lab's A2LA accredited laboratory and outdoor testing facilities are located in Homestead, Florida; Buckeye, Arizona; and Saarbrücken, Germany.

COPPER



Corrdesa is an engineering technology company specializing in electrochemical corrosion analysis, computational modeling, and corrosion-aware digital engineering workflows. Our flagship corrosion intelligence platform, Corrosion Djinn®, enables organizations to evaluate galvanic corrosion risk early in the product development process through a centralized electrochemical database of materials, coatings, and environments.

Originally developed through collaborations with the U.S. Department of Defense, Corrosion Djinn supports modern approaches to material compatibility assessment and MIL-STD-889D compliant mixed-potential analysis. The platform enables rapid comparison of dissimilar materials using electrochemical polarization data and supports workflows ranging from early-stage material selection through to full 3D corrosion simulation.

Corrdesa has recently expanded Corrosion Djinn's automotive capabilities through collaboration with major OEMs, resulting in the addition of numerous automotive alloys, coatings, and material systems to the database. The technology is integrated into Siemens NX and Simcenter Star-CCM+, enabling corrosion risk assessment directly within CAD and simulation environments as part of the engineering digital thread.

In addition to software, Corrdesa also develops electrochemical process technologies and mobile plating/anodizing systems used globally for sustainment across aerospace, defense, and industrial sectors.

By combining electrochemical expertise, simulation-driven engineering, and practical materials knowledge, Corrdesa helps organizations reduce corrosion-related risk, offers solutions from requirements to retirement, and accelerate development of complex multi-material systems.

BASIC



Dipsol of America, a proud member of the Quaker Houghton group, is a global leader in advanced surface finishing technologies and specialty chemical solutions. We deliver sustainable, high-performance treatments designed to meet the evolving demands of the automotive, aerospace, and broader mobility industries. We work in close partnership with OEMs and Tier suppliers to develop and qualify innovative functional coatings across a wide range of components and mixed-material assemblies.

Our products are engineered to meet various specifications for appearance, corrosion protection, friction control, and overall performance, helping customers achieve both technical excellence and long-term reliability. Our legacy of innovation includes pioneering the first commercial non-cyanide alkaline zinc plating process, advancing tin-zinc and zinc-nickel alloy technologies, introducing unique trivalent conversion coatings, and developing next-generation electroless nickel chemistries.

At our North American headquarters in Livonia, Michigan, our ISO/IEC 17025:2017-accredited laboratory serves as a hub for technical excellence. We support customers and partners with comprehensive R&D, corrosion testing (NSS & CCT), advanced analytical services, failure analysis, pilot line validation, and specialized training—delivering the expertise needed to accelerate development and ensure success in demanding applications.

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