

January 3–7—SciTech 2022

San Diego, CA. From its creation in 1963, the American Institute of Aeronautics and Astronautics (AIAA) has organized conferences to serve the aerospace profession as part of its core mission. Spanning over 70 technical discipline areas, AIAA's conferences provide scientists, engineers, and technologists the opportunity to present and disseminate their work in structured technical paper and poster sessions, learn about new technologies and advances from other presenters, further their professional development, and expand their professional networks. The AIAA Science and Technology Forum and Exposition (AIAA SciTech) has continued to grow in each succeeding year, drawing participants from around the globe. SciTech participants tackle the most pressing issues impacting the future of aerospace, while the technical program presents innovative research and technologies that offer solutions. The newly developed hybrid format allows attendees to attend, present and interact virtually or in-person.

www.aiaa.org

January 18–20—World of Concrete 2022

Las Vegas, NV. World of Concrete has been serving the global concrete & masonry construction industries for 46 years. The goal is to provide this important community with the connections, intelligence, and opportunities that help customers grow, do business, and make better informed business decisions. The show attracts original equipment manufacturers from around the world and exclusive U.S. distributors of equipment, tools, products and services for the commercial construction, concrete and masonry industries. Education topics include materials, safety, business management, quality control, new technologies and more.

www.worldofconcrete.com.

January 20–26—IMTEX 2022

Bangalore International Exhibition Center, Bangalore, India. IMTEX 2022 provides a range of metal-cutting machine tool technologies, products and solutions to meet the demands of the manufacturing industry. The event attracts visitors from a wide spectrum of manufacturing and ancillary industries starting with key decision and policy makers sourcing the latest technologies and manufacturing solutions for their production lines. Products include milling, turning, gear manufacturing, grinding, honing machines, flexible manufacturing systems, machining centers, and more. Co-located with IMTEX is ToolTech 2022, an International Exhibition of Cutting Tools, Tooling Systems, Machine Tool Accessories, Metrology and CAD/CAM and IMTEX Forming 2022.

www.imtex.in.

January 25–27—AGMA Fundamentals of Gear Design and Analysis

Clearwater Beach, FL. Offered by AGMA, attendees will gain a solid and fundamental understanding of gear geometry, types and arrangements, and design principles. Starting with the basic definitions of gears, conjugate motion, and the Laws of Gearing, learn the tools needed to understand the inter-relation and coordinated motion operating within gear pairs and multi-gear trains. Basic gear system design process and gear measurement and inspection techniques will also be explained. In addition, the fundamentals of understanding the step-wise process of working through the iterative design process required to generate a gear pair will be reviewed.

www.agma.org/education/advanced-courses/2022-fundamentals-of-gear-design-and-analysis/.

January 25–27—IPPE 2022

Atlanta, Georgia. The International Production & Processing Expo is the world's largest annual poultry, meat and feed industry event of its kind. A wide range of international decision-makers attend this annual event to network and become informed on the latest technological developments and issues facing the industry. The 2022 IPPE will provide a full week of education programs, in addition to new technology, events on the show floor and networking opportunities with key leaders from the animal food, meat and poultry industries. The vast trade show floor will showcase the most current innovations, equipment and services used in the production and processing of animal food, meat and poultry products. Combining the expertise from the American Feed Industry Association, North American Meat Institute and U.S. Poultry & Egg Association, IPPE will also feature countless hours of dynamic education sessions focused on the latest industry issues.

ippexpo.org.



January 26–27—Grinding Conference

Stuttgart-Fellbach, Germany. This event from WZL of RWTH Aachen University is a grinding conference that provides the interface between science and industry. Under the title “Cylindrical/uncircular grinding - efficient and sustainable,” the contribution of grinding technology to resource conservation and climate neutrality will be discussed. To this end, current findings from research and development will be made comprehensible and usable for users. The joint evening event offers the opportunity to exchange ideas with speakers and participants in a familiar atmosphere. The Machine Tool Laboratory WZL of RWTH Aachen University as well as the established advisory board are looking forward to your participation and welcome all exhibitors.

www.wzl.rwth-aachen.de/go/id/pziph?lidx=1#aaaaaaaaaapzjrt.

February 21–23—MIM2022

West Palm Beach, Florida. MIM2022: International Conference on Injection Molding of Metals, Ceramics and Carbides is a global conference and tabletop exhibition highlighting advances in the metal injection molding (MIM) industry, with two days of technical sessions focusing on the latest innovations in metal injection molding. Innovation is responsible for the rapid growth of the powder injection molding industry (metal injection molding, ceramic injection molding, and cemented carbide injection molding), an over \$2 billion advanced manufacturing industry. This conference will provide a venue for the latest technology transfer. Conference highlights include a Powder Injection Molding Tutorial, two days of technical sessions, and a tabletop exhibition and networking reception.

MIM2022.org