

# International Seminar on Forming Technology

International Seminar on Forming Technology 2024: Spotlight on New Manufacturing Technologies

Around 200 delegates from 80 companies attend the seminar



Bengaluru, 18 January 2024: The 8th International Seminar on Forming Technology 2024 was held on 18th January 2024 at Bangalore International Exhibition Centre (BIEC), Bengaluru. The latest edition of the seminar featured international experts presenting developments from across a cross-section of manufacturing industries.

Participants threw light on many of the lesser-known technologies, new equipment features, new applications, new specs, and performance levels. The seminar featured 3 enlightening keynotes and 18 technical presentations in two concurrent sessions and four streams viz., “New Technology Trends”, “Equipment & Processes”, “Laser Applications and Joining” and “Tools and Enabling Ecosystem”.

Speakers from Germany, Italy, Japan, Sweden, and India represented leading brands in the Forming arena. These included organizations such as ISGEC, Electropneumatics & Hydraulics India, AP&T-ALF, Bystronics,

Trumpf, Felss, Fronius, Tata Technologies, L&T Defense, Godrej Aerospace, Data M, Marposs, DAVI-Promau, IIT Bombay, Fibro, Autoform, Scansonic GmbH, Proteck, Hexagon, and Japan Steel Works.

Participants made presentations on developments in hot forming, roll forming and bending, tube bending, press forming, challenges of stamping, advanced high-strength steels (AHSS), possibilities of making hollow shafts and drive trains for electric vehicles, etc. Manufacturing of bipolar plates for fuel cells for electric vehicles, laser cladding and hardening of dies, modular dies, laser cutting with adaptive beam, laser remote welding, welding technology and simulation, presses, press brakes, optical free form metrology, and Industry 4.0 for forming equipment and tools were also presented. Lightweighting of automotive products with the use of plastics as a competing technology was also covered.

With India embarking on opening up the aerospace and defence and AatmaNirbhar Bharat initiatives, the seminar presented a great opportunity for the manufacturing community to augment its positioning. Delegates attending the seminar also got an opportunity to visit IMTEX FORMING 2024 and get a first-hand view of the latest technologies in metal forming on display, from reputed companies across the globe.