

Welcome to the 16th Symposium „Magnetoresistive Sensors and Magnetic Systems“

Since the last XMR-Symposium in 2019, our world faced the challenges of the COVID19 pandemic, which have influenced and still impact societies and industries. Consequently, Sensitec could not conduct the conference in 2021, as planned. But now we are very happy to organize the “Symposium” 2023 again and to meet our longtime “colleagues” and welcome new faces to Wetzlar. We are excited to exchange information on the XMR technology and network with you.

Time did not stand still. Despite pandemic restrictions many specialists continued working hard on new results and applications of the magnetoresistive technology, thereby entering new products into the markets.

During the two days event you will get to know more about new achievements in improving sensitivity and robustness of sensor elements. The presentations will demonstrate along the value chain how fabrication processes, packaging concepts and technologies can influence sensor performance and reliability of products. New concepts and products in sensor electronics are key to customers, who apply the sensors in many applications. Beyond evaluation electronics another basic ingredient of encoder applications are magnetic components. Various speakers will present progress in this field. Latest research results will be presented showing the potential of AI enhanced sensor signal evaluation for machine control and condition monitoring. This topic will be presented by an experienced speaker providing a sound evaluation of this emerging technological solution.

Overall, new and improved products will be introduced to you during the conference. In consequence, there is a lot of new information to be discussed among the participants leading to new ideas and personal business contacts, which is of course a major goal of this event.

I hope you will enjoy this conference and will collect new impetus to your daily work.

王建国
Jellwang
Dr. Jianguo Wang

