

Press release

IK4-TEKNIKER, a key player at outstanding Advanced Manufacturing forums in China and Mexico

- ▶▶ *The technology centre is one of the organisers of the 11th International Conference on High Speed Machining that will be held for the first time ever in China from October 18 - 20*
- ▶▶ *This event, whose aim is to provide a meeting point for companies specialising in machine tools, will be attended by delegates from over 20 countries*
- ▶▶ *IK4-TEKNIKER will play an outstanding role during the reliability and maintenance forum that will take place in Mexico from October 12 - 15*

(Eibar, October 15 2015).- The Basque Technology Centre, IK4-TEKNIKER, will offer its expertise and knowledge related to different technologies at two major international forums dealing with predictive maintenance and machining that will take place in China and Mexico this month.

The technology centre is one of the organisers of the [International Conference on High Speed Machining](#) (HSM Conference) to be held in the Chinese city of Nanjing from October 18 – 20.

Subsequent to previous editions held in Europe, it will be the first time that this meeting is to take place in China due to the relevance of the manufacturing sector in the Asian continent

“In recent years, China has become one of the world’s most important manufacturing markets and research focused on machining technologies is attracting ever-growing attention in the country”, states Luis Uriarte, Director for Market Affairs at IK4-TEKNIKER.

This year’s edition of the conference will discuss all the progress made in terms of productivity and quality. More than 150 delegates from over 20 countries will attend the sessions.

IK4-TEKNIKER is not only one of the forum organisers, but will also participate in scientific and executive committees with a presentation entitled “*New strategy for trajectory generation in*

the transition of two non-aligned segments”, which is the end result of an R&D project carried in cooperation with [Fagor-Aotek](#).

The event is supported by a number of organisations specialising in advanced manufacturing and machine tools such as the [National University of Aeronautics and Astronautics in Nanjing](#) (China), the PTW Institute at the [Technical University of Darmstadt](#) (Germany), the [Research Centre of Manufacturing Technology](#) (Prague, Czech Republic) and the [Ecole Nationale Supérieure d’arts et Métiers](#) (Metz, France).

The International AMB Trade Exhibition, China’s most important machine tool and machining event, will take place alongside this conference.

Predictive maintenance to increase competitiveness

As regards the American continent, the Technology Centre will have an outstanding presence at the 10th [Congreso Mexicano de Confiabilidad y Mantenimiento](#) to be held from October 12 - 15 in the Mexican city of León.

The main goal of this forum is to discuss recent trends that are to be taken on board by this industry in the future and to make known any advantages arising from the incorporation of predictive analytics and fault prediction in maintenance processes.

Specifically, IK4-TEKNIKER will present a paper entitled *“Industry 4.0 predictive maintenance; smart systems, technology and artificial intelligence in factories of the future”*. The lecture will address predictive maintenance techniques based on machine behaviour and data analysis and processing within the area of Big Data.

About IK4-TEKNIKER

With experience spanning over 30 years in research into applied technology and its transfer to companies, IK4-TEKNIKER has achieved a high degree of expertise in four major areas (Advanced Manufacturing, Surface Engineering, Product Engineering and ICTs), which enables it to put its state-of-the-art technology at the service of any kind of task.

Further information

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