

19th



CONFERENCE ON ELECTRO PHYSICAL AND CHEMICAL MACHINING

23th - 27th April 2018
Bilbao, Spain



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isem2018.com

ANNOUNCEMENT

The conference, originally entitled “International Symposium for Electro-Machining” (ISEM) was held, for the first time in 1960 in Czechoslovakia. Since then, the most significant advances in the field of Electro Physical and Electro Chemical machining technologies have found a common place for scientific and industrial discussion in this conference. ISEM now proudly takes place under the auspices of the CIRP (the International Academy for Production Engineering).

On behalf of the Organizing Committee of ISEM XIX, it is our honor to announce that the next CIRP Conference on Electro Physical and Electro Chemical Machining will take place in Bilbao in 2018. The conference will be jointly organized by the University of the Basque Country (UPV/EHU) and IK4-TEKNIKER.

Although during many years the main focus of the conference has been set on EDM and ECM-based technologies, ISEM has always given place to alternative “non-conventional” methods such as abrasive water jet machining, laser technologies, high energy beam processes, and other hybrid processes.

No doubt, the impact of additive manufacturing on research and industry has been enormous in the last years. The successful ISEM XVIII conference, recently held in Tokyo, has shown very interesting advances in technologies such as Fused Deposition Modelling. ISEM XIX will continue with this line. Contributions focusing on hybrid methods and additive manufacturing will be welcome inside the scope of the conference.

KEY DATES

- **Call for abstracts:** October 1st 2016
- **Registration form available from:** February 2017
- **Abstracts deadline:** April 30th 2017
- **Full papers deadline:** August 31st 2017
- **Conference dates:** April 24th - 27th 2018

MAIN TOPICS

- Electrical Discharge Machining (EDM)
- Electro Chemical Machining (ECM), (ECDM)
- Laser Beam Machining (LBM)
- Chemical Processes
- Additive Manufacturing
- Hybrid Processes
- Plasma Processes
- Electrodeposition
- Ultrasonic Machining (USM)
- Abrasive/Water Jet Machining (AJM), (WJM)

COMMITTEES

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IK4-TEKNIKER
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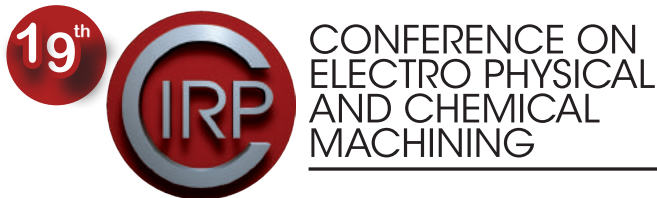
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- **Prof. K. RAJURKAR**
University of Nebraska-Lincoln Ind. & Management Syst. Eng. Dept.

REGISTRATION & PUBLICATION

Registration forms and a more detailed conference program will be made available on the conference website which will be launched by end July 2016. The conference language will be English. All submitted papers will be reviewed by the Scientific Committee. Full proceedings will be published online through Elsevier Procedia and distributed as a hard copy at the Conference.

INFORMATION ABOUT ONA GRANTS

The Organizing Committee of the 19th CIRP Conference on Electro Physical and Chemical Machining expresses its commitment with the young researchers that will certainly lead the next generation of scientists in the fields of ISEM in the next decades. The Organizing Committee counts on ONA's sponsorship which gives a financial support to 10 grants to be awarded to the best research works presented in ISEM by Ph.D. candidates. An Award Committee will be in charge of selecting the best research papers, taking into account aspects such as scientific quality of the paper, its contribution with respect to the State of the Art, and the quality of the presentation.



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CONFERENCE VENUE: BIZKAIA ARETOA



CO-ORGANIZED BY



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