

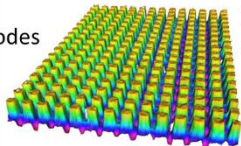


Call for papers

The CIRP ISEM XXI Organizing Committee cordially invites you to participate in the 11th CIRP Conference on Electro Physical and Chemical Machining, held in Zurich, Switzerland. The conference will be a place for

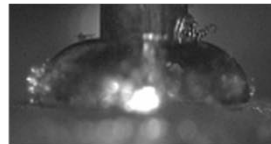
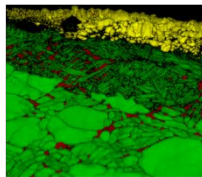
researchers, users and providers of machining technology with the scope to show the cutting edge of technologies, innovations and visions in the area of non-conventional machining technologies.

Micro milling of Graphite electrodes



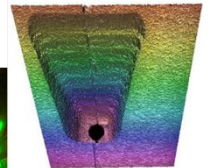
Structuring surface with die sinking

Recast layer analysis with EBSD of Ti-6Al-4V



Analysis of single discharges and EDM plasma

Laser beam machining of a tool



EDM Milling of a diffusor

Conference venue

More than 2000 years ago, Zurich was founded by the Romans as a fortress. Today, Zurich has about 400'000 inhabitants and is the largest city in Switzerland. Zurich is the main town of a canton also named Zurich. With snow covered mountains in sight, the huge water reservoir of the Lake of Zurich, important and numerous historical monuments, and a rich cultural scene, Zurich is one of Europe's most attractive cities. Zurich is not only important for its universities, but is also the commercial centre of Switzerland and a platform for international trade.

In 1855, the Swiss Federal Institute of Technology (ETH) was founded mainly as a school for engineers, but also as compensation to Zurich for not becoming the capital city of Switzerland. Gottfried Semper designed the imposing main building and it was built from 1861 to 1864. Since the founding of ETH Zurich, it has been a driving force behind the Swiss industry, whose innovative products and services are in demand worldwide. In the history of ETH, many well-known scientists and 21 Nobel Prize winners are associated with this school. 24,400 students, including 4,320 doctoral students, from over 120 countries are matriculated in 16 departments of various technical and scientific disciplines.

Conference topics

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

Important deadlines

Abstract submission open from:	July 1 st , 2021
Abstract submission deadline:	July 24 th , 2021
Notification of abstract acceptance:	extended to August 31 st , 2021
Registration open from:	August 1 st , 2021
Full paper submission deadline:	November 16 th , 2021
Notification of acceptance:	December 17 th , 2021
Final paper submission deadline:	January 16 th , 2022
Definite paper acceptance:	January 31 st , 2022
Final program announcement:	March 30 th , 2022
Conference:	June 14-16 th , 2022

