



QForm UK Seminar. Krakow

19 September 2024

Advanced numerical simulation of metal forming processes

QForm Group and KENDIN company as the official distributor of QForm UK software in Poland used for simulation of forging, forming, extrusion and rolling processes, with the support of the Research Group of Engineering Materials and Processes Technologies of the AGH University of Science and Technology in Krakow invite you to attend a meeting related to the simulation of metal forming processes.



Location: ul. Reymonta 15 Hotel Polonez 1st floor mirror room (near AGH University), Krakow, Poland

Time: start at 9:00

Languages: English, Polski

The program

09:00	Complimentary speech. <i>Dr hab. eng. Krzysztof Muszka, prof. AGH Head of the Department Katedry Przeróbki Plastycznej Metali i Metalurgii Ekstrakcyjnej</i> <i>Dr Nikolay Biba, Director, Micas Simulations Ltd., QForm Group</i> <i>Rudolf KENIG, Director, Firma Usługowa KENDIN</i>
09:15	QForm UK 11 version capabilities in forging, extrusion and rolling. Automated design and simulations. <i>Dr Nikolay Biba, Micas Simulations Ltd., QForm Group</i>
10:00	The use of numerical calculations to assess tool durability. <i>Grzegorz Ficak, Engineer R&D, GK FORGE Sp. z o.o.</i>
10:30	Design of extrudate geometry and die design using numerical simulation of extrusion process in QForm Extrusion and methods of process data analysis. <i>Dr inż. Jacek Madura, Akademia Górniczo-Hutnicza w Krakowie, Wydział Metali Nieżelaznych</i>
11:00	Modeling of multiple-tool stress-related problems with use of elastic-plastic FEM analysis. <i>Dr inż. Piotr Skubisz, Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, Wydział Inżynierii Metali i Informatyki Przemysłowej, Katedra Plastycznej Przeróbki Metali i Metalurgii Ekstrakcyjnej</i>
11:30	COFFEE BREAK
12:00	QForm UK for the Academic Community. Cloud academic licenses. Olympiad 2024 awarding. <i>Paul Mordvintsev, Business Development Director, QForm Group</i>
12:30	International Students Olympiad on Metal Forming Processes 2024 - project and simulation. <i>Jakub Długosz, student, Akademia Górniczo-Hutnicza w Krakowie</i>
13:00	Analysis of the forging process in the context of predicting the destruction of the die cavity. <i>Paulina Kała, student, Akademia Górniczo-Hutnicza w Krakowie</i>
13:30	R&D experience, technical support for users, discussion.
14:00	LUNCH

