

FOUNDRY REVIEW
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-SUMMARIES-



POLISH FOUNDRYMAN'S DAY INTERNATIONAL CONFERENCE 'INNOVATIONS IN THE FOUNDRY INDUSTRY'

On December 15th 2023 in Cracow the successive Polish Foundrymen's Association took place. This, the most important event of the foundry sector in Poland is since some years the essential international event, which is confirmed by the increasing – year to year – number of participants from abroad.

The prestige of event is not only indicated by statistics but also by the fact that this is organised under the Patronage of the World Foundry Organization and its Media Patron is the world known portal Foundry Planet and journals such as the Foundry Journal, Steel – Metals, New Technologies and also, portal dlaprodukcji.pl. 250 persons from the country and from abroad took part in this year edition of the event. They represented the foundry industry, suppliers, universities and scientific-research units.

REPORT OF THE XXXV ASSEMBLY GENERAL OF DELEGATES OF THE POLISH FOUNDRYMEN'S ASSOCIATION, CRACOW, DECEMBER 14th 2023

XXXV Assembly General of delegates of the Polish Foundrymen's Association was called on the basis of paragraph 25 of the Statute of the Polish Foundrymen's Association. Delegates were informed, in advance, on the date, place and agenda by Sector Managements. The Central Board informed about the Meeting all Honourable Members and Supporting Members of the Association.

During the General Meeting of Delegates the authorities of the Association were elected for the successive 4-year time of office.

DECREASE OF THE PRODUCTION TIME OF MOULDING TOOLS BY MEANS OF HYBRID 3D PRINTER FOR THE GRANULATE MATERIAL

The foundry sector faces several challenges in relations to production of moulding tools. These challenges contains long delivery times of materials, increase of their costs, and a shortage of qualified employees. Nevertheless there is in the market the verified solution, which allows to overcome all these problems. The printing technology of extrusion of granular materials by means of the integrated with the Computerised Numerical Control (CNC) possibilities, driven by 3D printers from the EXT Titan Pellet series. This innovatory

machine allows fast and much cheaper formation of durable and accurate tools, which can easily compete with traditional production methods.

TUNÇAĞ CIHANGİR SEN

TURKISH FOUNDRY INDUSTRY

Since the beginning of the new millennium, Turkish foundry industrialists have embarked on a strategic journey, actively seeking opportunities in the dynamic European markets. Driven by the growing demand for aluminum castings from EU manufacturers, Turkish die casting foundries have entered an era of innovation, investing significantly in state-of-the-art greenfield plants that align seamlessly with the goals of sustainable production.

EUROGUSS 2024 HAS ITS FINGER ON THE PULSE: A STAGE AND A HOME FOR THE INTERNATIONAL DIE CASTING INDUSTRY

EUROGUSS has once again lived up to its reputation as the preferred stage for the international die casting industry. At the trade fair in Nuremberg from 16 to 18 January 2024, 643 exhibitors from 33 countries presented their product innovations and used the platform for networking and as a starting point for a successful year. The number of trade visitors increased significantly. As usual, EUROGUSS provided the perfect setting for the Die Casting Conference at the same time, where speakers from foundries, the automobile industry, universities and companies presented the latest developments and ideas.

MAREK SKOWRON

FROM THE HISTORY OF "THE MACHINE FACTORY AND IRON FOUNDRY OF ADOLF TROETZER" IN WARSAW

The history of 'The Machine Factory and Iron Foundry of Adolf Troetzer' founded in Warsaw in the second half of XIX century is described in the hereby paper. The speciality of this factory constituted various pumps, mainly for the industry. However the real showpiece of the foundry became the kind of pumps important for the safety of inhabitants and their properties, it means fire hoses. The employment and production values in various time periods, participations in exhibitions and awards obtained as well as some details of structure of fire hoses are presented. The factory operations under the management of the successor of Adolf Troetzer – his son Josef – is also described.