

## **Zbigniew Rak**

He graduated from the AGH University of Science and Technology, where he completed studies at the Mining Faculty, earning an M.Sc. Eng. degree in Mining and Geology. In 1996 he graduated from the same University with an M.Sc. Eng. degree in Management and Marketing. Between 1991 and 1992 he studied at the School of Mining at the University of Oviedo in Spain. In 2001 he received the degree of Doctor of Engineering in the field of Mining. From the offset of his professional career Zbigniew Rak has been part of the Faculty of Mining (later the Faculty of Mining and Geoengineering) of the AGH University of Science and Technology in Krakow. In addition to his scientific work, he manages cooperation with the Polish mining industry and advises on technical matters and design projects. He has been serving as mining plant operations expert for the President of the State Mining Authority since 2003. Zbigniew Rak has partnered with various global mining plants, for instance in the Czech Republic, Slovakia, Russia, Spain, and Chile. Since 2014 he has been running his own business focusing on designs for the mining industry. In 2017 he was a member of the Supervisory Board of KOFAMA Koźle S.A. He wrote over 50 papers on mining.