

Personal details

Full name **MONIKA HARDYGORA**
Home address Al. Sosnowa 6, 55-114 Ligota Piekna, Poland
Telephone +48695350485
E-mail(s) monika.hardygora@pwr.edu.pl; mhardygora@cuprum.wroc.pl
Nationality Polish
Date of birth 29.08.1951
Marital status Married



Education and qualifications

Degrees and titles
1974 MSc in mining – Mining Faculty, Wroclaw University of Technology
1977 PhD – Mining Institute, Wroclaw University of Technology
1989 DSc – Technical Sciences Faculty, Technical University in Freiberg, Germany
1997 Professor of technical sciences – title given by President of Poland on the base of the application of the Board of Mining Faculty of AGH University of Science and Technology
2002 Full professor

Workplace(s)

Faculty of Geoen지니어ing, Mining and Geology, Wroclaw University of Technology, Wroclaw
KGHM CUPRUM Ltd. Research & Development Centre, Wroclaw

Work experience

Actual post

From March 2009 President of KGHM CUPRUM Ltd. R&D Centre
From 2006 Manager of accredited Laboratory of Conveyor Transport, Wroclaw University of Technology

Former posts

1977 – 1989 Assistant Professor, Mining Institute, Wroclaw University of Technology
1989 Specialist in "Belchatow" Lignite Mine. Approvals gained: mining supervision approvals
1990 – 1992 Associate Professor, Mining Institute, Wroclaw University of Technology
1992 – 2002 Professor, Mining Institute, Wroclaw University of Technology
1995 – 2002 Manager of Machine Systems Department, Mining Institute, Wroclaw University of Technology
1993 – 1996 Director of Mining Institute, Wroclaw University of Technology
1996 – 2002 Dean of Mining Institute, Wroclaw University of Technology
2002 – 2005 Proxy of Dean for Scientific Staff Training and Foreign Co-operation
1997 – 2006 Chairman of the Group IV for Prime Minister Awards for outstanding scientific and technical achievements
2005 – 2008 Vice-rector for Development of Wroclaw University of Technology

Foreign experience

1982 – 1983 Scientific internship in the Institute of Transport and Mining Machines, Hannover University, German
1990 3-month internship in Berlin, Aachen, Clausthal
1992 Research internship in the Institute of Bulk Material Handling, University of Newcastle (Australia)
1995 Two weeks of lectures, Cagliari University, Italy, lectures on transport – financed by the Italian Ministry of Foreign Affairs
From 1996 Vice-chairman of The World Conference for Mine Planning Equipment Selection
From 2000 Weekly lectures (every year) in Mining Academy in Freiberg, Germany
2006 Participation in 2 workshops for rectors in the USA: on education, and on research and innovation. Numerous study trips to the mines in Germany, Czech Republic, Australia, France, Belgium, UK, Canada, China, Brazil, USA, Laos, Vietnam, Turkey, Ukraine, Angola, Senegal

Teaching experience

Lectures on transport systems, mining transport and the basis of underground and open pit mining, mining mechanisation, mining industry in the world.
Laboratory classes on conveyor transport, design exercises on belt conveyors and hoist transport.
Over 80 M.A. thesis, 5 finished PhD courses. Initiator and co-ordinator of the European Educational Programme in the range of geotechnics and environmental protection (EGEC).

Research activity	<p>Transport systems in all types of mines, particularly conveyor transport. Designs and calculations for haulage and hoist systems used in mining. Theoretical studies and experimental research of conveyor belts and their splices. Rational methods for conveyor belt selection. Mining machines. Diagnostics of the haulage systems, including conveyor belts. Foreign mining, mining technologies. Organizer of the accredited Laboratory of Conveyor Transport. 5 promoted PhDs, numerous reviews of PhD's thesis and Dr. Sc, reviews of applications for Professor title and Professor courses in Poland and abroad (Germany, Austria, Norway, Sweden). Member of several scientific boards of Polish and foreign magazines. Member of scientific committees of a few dozen of national and foreign conferences.</p>																				
Publications and studies for the industry	<p>Over 200 papers published in scientific magazines and conference proceedings on conveyor transport, conveyor belts, educational issues and mining industry in the world. 40 studies published abroad. Co-author of the books: "Belt conveyors in mining", Silesian Technical Publishing House, 1996; "Conveyor belts", PWN, Warsaw, 1999. Unpublished: over 200 studies for the industry, particularly for the KGHM's copper mines concerning rational belt selection, increasing belts' durability, belt splices, operational reliability and efficiency of transport. Works for lignite mines concerning belts and new construction of belt splices (implementation of ecological technology for belt splices in Lignite Mine "Belchatow" (for which the mine gained the titles of ecology leader and technology master) and for plants producing conveyor belts concerning new construction of belts and technological solutions. Leadership of several grants from the Scientific Research Committee. Targeted and development grants conducting.</p>																				
Membership in scientific and professional societies	<table border="0"> <tr> <td data-bbox="371 987 480 1019">From 1975</td> <td data-bbox="515 987 791 1019">Society of Mining Engineers</td> </tr> <tr> <td data-bbox="371 1028 480 1059">From 1977</td> <td data-bbox="515 1028 1027 1059">Polish Society of Theoretical and Applied Mechanics</td> </tr> <tr> <td data-bbox="371 1068 480 1099">From 1993</td> <td data-bbox="515 1068 1326 1099">Society of the American Institute of Mining, Metallurgical, and Petroleum Engineers</td> </tr> <tr> <td data-bbox="371 1108 480 1140">From 1995</td> <td data-bbox="515 1108 775 1140">Wroclaw Scientific Society</td> </tr> <tr> <td data-bbox="371 1149 480 1180">From 1996</td> <td data-bbox="515 1149 798 1180">Society of Mining Professors</td> </tr> <tr> <td data-bbox="371 1189 480 1220">From 1996</td> <td data-bbox="515 1189 1082 1220">Europäische Konferenz der Professoren für Fördertechnik</td> </tr> <tr> <td data-bbox="371 1229 480 1261">From 1999</td> <td data-bbox="515 1229 1002 1261">Mining Committee of Polish Academy of Sciences</td> </tr> <tr> <td data-bbox="371 1270 480 1301">From 1999</td> <td data-bbox="515 1270 775 1301">Leibniz Societät, Germany</td> </tr> <tr> <td data-bbox="371 1310 480 1341">From 2007</td> <td data-bbox="515 1310 1489 1377">Presidium of Mining Committee, Polish Academy of Sciences: member of two sections of the Mining Committee – Section of Mining Mechanization and Section of Open Pit Mining</td> </tr> <tr> <td data-bbox="371 1386 480 1417">From 2012</td> <td data-bbox="515 1386 919 1417">President of Society of Mining Professors</td> </tr> </table>	From 1975	Society of Mining Engineers	From 1977	Polish Society of Theoretical and Applied Mechanics	From 1993	Society of the American Institute of Mining, Metallurgical, and Petroleum Engineers	From 1995	Wroclaw Scientific Society	From 1996	Society of Mining Professors	From 1996	Europäische Konferenz der Professoren für Fördertechnik	From 1999	Mining Committee of Polish Academy of Sciences	From 1999	Leibniz Societät, Germany	From 2007	Presidium of Mining Committee, Polish Academy of Sciences: member of two sections of the Mining Committee – Section of Mining Mechanization and Section of Open Pit Mining	From 2012	President of Society of Mining Professors
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Skills and other competencies	<table border="0"> <tr> <td data-bbox="312 1487 480 1518">Mother tongue(s)</td> <td data-bbox="515 1487 576 1518">Polish</td> </tr> <tr> <td data-bbox="312 1527 480 1559">Other languages</td> <td data-bbox="515 1527 719 1621"> German – very good English – good Russian – good </td> </tr> <tr> <td data-bbox="413 1630 480 1662">Hobby</td> <td data-bbox="515 1630 671 1749"> Travelling Mountain hiking Skiing Photography </td> </tr> </table>	Mother tongue(s)	Polish	Other languages	German – very good English – good Russian – good	Hobby	Travelling Mountain hiking Skiing Photography														
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