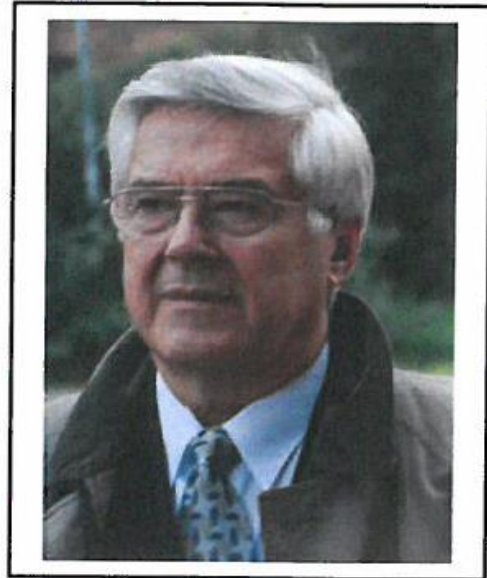


**Dr inż. Michał Stopyra**



### **Qualifications & Degrees**

1973: Doctor of Technical Sciences, Faculty of Mining, **AGH University of Science and Technology**, Cracow, Poland

1973: Master Engineer (MSc) in Underground Mining, Faculty of Mining, **AGH University of Science and Technology**

1957-1962: **Technical College of Chemistry**, Zgierz, Poland

### **Employment History**

1962-1963: Underground Worker, Polska Coal Mine, Świętochłowice Śl.

1969 (5 months): Shot firer at Norwegian mines (Longyearbyen-Spitzbergen)

1969-2007: Junior Lecturer/Lecturer/Senior Lecturer, Faculty of Mining, AGH University of Science and Technology

### **International Internships**

1976-1977 (18 months): Academic Internship at the German Mining Institute in Essen Kray, as part of the Aleksander von Humboldt Stiftung scholarship granted by the German government

1985 (5 months): Academic Internship at the Moscow Mining Institute

1989-1990 - (22 months): Research into the safety of using rockbolt supports for longwalls at Australian mines operated by Kembla Coal & Coke PTY. Limited

### **Industrial experience**

1993-2012: State Mining Authority's expert authorised to design rockbolt and chock supports for longwalls at hard coal mines,

2003-2005 Consultant for BWZ, a Bottrop based German manufacture of rockbolts

2003-2005: Project Manager for coal deposit access and preparatory work for Czech coal mines in the Dul OKD region: 9-kveteň, Žory and Łazy mines.

2004-2005: Project Manager in a conceptual underground sepiolite mine project under a Madrid airport for the Minersa Group

2005-2010: Member of the State Mining Authority's Committee for Rockbursts, Supports and Closing Abandoned Workings at Copper Ore Mines

2007-2008: Project Manager in a deposit access and extension project at the Carbonar mine in Spain

2008-2009: Project Manager in a conceptual project of the La Jagua mine (the Cesar department of Colombia) for CARBOMECH of Spain.

2009: Project Manager in a project involving rockbolt supports for longwalls in the Novaya 2 mine in Russia

2009-2011: Scientific Adviser for rockbolt supports at HILTI Polska

### **Experience as a member of supervisory boards**

2009-2009: A member of the Supervisory Board of Techniczno-Górnicza Spółka Akcyjna TEGONA S.A. for two terms of office; deputy chairperson (TEGONA S.A. was a company related to Katowicki Holding Węglowy (a 30% stake)) for one term

2009-2012: Deputy Chairperson of the Supervisory Board Techniczno-Górnicza Spółka Akcyjna under liquidation.

### **Experience on retirement**

2008-2012: After retiring in 2008, until 2012, I was involved in designing rockbolt and chock supports for longwalls at coal mines in the Upper Silesia region. During that period, I produced designs in more than 26 projects.

I have not been involved in any work for the Bogdanka mine for 4 years.

I am currently working on an academic textbook entitled "Underground Coal Mining Technology".

From 22 November 2013 until now a member of the supervisory board of Lubelski Węgiel Bogdanka.