Radoslaw Zimroz

Interest: predictive maintenance for mining machines, technological process diagnostics/monitoring, signal processing of sound and vibration, adaptive approaches for diagnostics under time-varying load/speed, multivariate data analysis for anomaly detection, non-Gaussian noise, application of inspection robotics, AI, image processing in mining,

Education MSc (signal processing), Phd (modelling of gearbox for fault detection), DSc (habilitation, 2011, adaptive diagnostics of time varying systems), Full Professor (2020) Post-doc @Cranfield University (2004-2005), 2005-2010 Several one week stays: Athens, Ferrara, Bologna, ReggioEmilia, Lyon, Compiegne, Cranfield, 2012-2019, founder and head of Department of Systems Analysis, KGHM Cuprum R&D Centre;

Member: Polish Acoustical Society, Fellow IIAV, vice-president of Polish Society of Technical Diagnostics, member of editorial boards in JCR journals.
Currently Dean of the Faculty of Mining Engineering at WUST, leader of Digital Mining Center (10+)

Supervisor of 11(+4 in progress) Phd students

Author of 320+ works (Scopus) MSSP (24), Measurement (21), Sensors (15), APAC(15), Shock and Vibration (8), MeasSciTech (4), IEEE TIE TIA TII (4),
6109 citation received, h-index 41 (Scopus)

Researcher in many national (NCN, NCBIR) and international projects founded by EU FP7, Horison2020, KIC Raw Materials, Horison Europe, EU Clean Aviation.