

PROGRAM

25th World Mining Congress, 19-22 June 2018 – Astana, Kazakhstan
ISSA Mining Session “Safety and Health in mining” (Room: Hall 7)

First Day – Tuesday, 19 June 2018 – 14:30 – 18:00

TIME	TOPIC
14:30–14:45	OPENING ADDRESS: VISION ZERO: TOGETHER FOR A SAFER & HEALTHIER WORLD Ulrich Meesmann, President of ISSA Mining, Germany
	Session 1: GLOBAL AND NATIONAL STRATEGIES FOR SAFETY & HEALTH IN MINING Chairman:
14:45-15:15	Keynote 1 VISION ZERO – THE NEW GLOBAL STRATEGY FOR MINING AND BEYOND Helmut Ehnes, Secretary General of ISSA Mining, Head of Prevention of BG RCI, Germany
15:15-15:35	1 THE EUROPEAN UNION PROCESS FOR THE SETTING OF LIMIT VALUES FOR CHEMICAL SUBSTANCES AND THE ROLE OF TRIPARTITE REPRESENTATION IN THE MINING SECTOR Matthew Heppleston, Policy Officer, European Commission, DG Employment, Social Affairs and Inclusion, Luxembourg
15:35-15:55	2 VISION ZERO AS A GLOBAL STRATEGY FOR THE PREVENTION OF FATAL AND SEVERE WORK RELATED ROAD ACCIDENTS – PRACTICAL EXPERIENCE IN 25 COUNTRIES Kay Schulte, German Road Safety Council, Germany
16:00-16:15	Coffee & Tea Break

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	SESSION 2: SMALL SCALE FORMAL AND INFORMAL MINING Chairmen:
16:15-16:35	3 THE ICOH APPROACH AND CHALLENGES FOR FORMAL & INFORMAL MINING Eric Jørs, International Commission on Occupational Health (ICOH), Scientific Committee on Mining Occupational Safety & Health (MinOSH), tbc
16:35-16:55	4 RESPONSIBLE CARE PROGRAM FOR THE COLOMBIAN SMALL SCALE GOLD MINING INDUSTRY Prof. Dr. Jürgen Kretschmann, President, Technical University Georg Agricola, Bochum, Germany Diana Lezcano MEng., Technical University Georg Agricola, Bochum, Germany
	SESSION 3: DEVELOPMENTS FOR EFFECTIVE RISK MANAGEMENT IN MINING Chairman:
16:55-17:15	5 ICMM CRITICAL CONTROL MANAGEMENT IN THE MINING AND METALS INDUSTRY Mark Holmes, ICMM, UK
17:15-17:35	6 MANAGING RISKS IN TRANSPORTATION PROCESSES IN MINING Dr. Christian Felten, ISSA Transportation, Germany
17:35-17:55	7 SAFETY AND HEALTH IN QUARRIES – EXAMPLES FROM AUSTRIA Gregor Hohenecker, AUVA - Main Office for Prevention, Austria

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Second Day – Wednesday, 20. June 2018, 10:00 – 18:00

TIME	TOPIC
	SESSION 4: LEADERSHIP IN OSH Chairmen:
10:00-10:30	Keynote 2 LEADERSHIP AS A KEY SUCCESS FACTOR FOR ACHIEVING VISION ZERO José Raúl Gonzales, CEO, Grupo Progreso, Guatemala
10:30-10:50	8 LEADING SAFETY WITH NUMBERS Dr. Mark Füllemann, Practice & Experience GmbH, Switzerland
10:50-11:10	9 MOTIVATING AND TEACHING EMPLOYEES FOR OSH WITH FUN Mathieu Bouchard, Graymont, Canada, tbc
11:10-11:30	10 WHAT DOES ISO 45001 OHS MANAGEMENT SYSTEM BRING IN MINING SECTOR? Firat Sukru Eker, IVME Consulting Ltd, Turkey
11:30-11:50	11 HOW TO ACHIEVE THE VISION ZERO & THE 7 GOLDEN RULES IN INTERNATIONAL COOPERATION PROJECTS Harald Gröner, Peter Koch, RWE Power, Germany
11:50-12:10	12 VISION ZERO IS POSSIBLE, BUT HOW? C. Roberto Hermosilla, Occupational Safety and Health Corporate Manager, Grupo Progreso, Guatemala

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12:10-12:30	13 OUR VISION, OUR STRATEGY, OUR ACTIVITIES FOR ZERO ACCIDENTS Roland Keidel, K+S, Germany
12:30–12:50	14 MEDICAL PREVENTION AND CARE FOR MINING WORKERS ABROAD FROM VACCINATION TO EVACUATION – EXPERIENCE FROM AN INTERNATIONAL MEDICAL ASSISTANCE Dr. Stefan Esser, International SOS, Germany
12:50-13:30	Lunchbreak
	SESSION 5: COAL MINE SAFETY AND HEALTH Chairmen:
13:30-14:00	Keynote 3 SAFETY CHALLENGES AND GOALS FOR COAL MINING INDUSTRY Vladimir Budinsky, Manager, Severoceske doly a.s., Member of CEZ Group, Czech Republic,
14:00-14:20	14 N.N. tba
14:20-14:40	15 STATE OF THE OCCUPATIONAL SAFETY IN THE POLISH COAL MINING INDUSTRY Prof. Stanislaw Prusek, General Director, Główny Instytut Górnictwa, Poland Dr. Eng. Adam MIREK, President of the State Mining Authority Dr. Eng. Aleksandra KOTERAS (from GIG)
14:40-15:00	16 VISION ZERO – RAG’S WAY TO ZERO ACCIDENTS Joachim Löchte, Dieter Mantwill, RAG, Germany, tbc

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	SESSION 6: MINING 4.0 & TECHNOLOGICAL INNOVATIONS FOR VISION ZERO Chairmen:
15:00-15:20	17 MINING 4.0 – REALITY AND FUTURE PERSPECTIVES Dr.-Ing. Thomas Bartnitzki, Institute for Advanced Mining Technologies (AMT), RWTH Aachen University, Germany
15:20-15:40	Coffee & Tea Break
15:40-16:00	18 GASMONITORING AND DATAMANAGEMENT Axel Bahr, Marketing Manager Segment Mining, Dräger, Germany
16:00-16:20	19 EARLY DETECTION OF MINE FIRES BY 4.0 TECHNOLOGY Dr. Stephan Großwig, Dr. Ulrich Palzer, IAB Weimar, Germany, tbc
16:20-16:40	20 NEW SAFER DRILLING TECHNOLOGIES FOR MINING Patrick Rennkamp, Herrenknecht, Germany, tbc
16:40-17:00	21 DEVELOPMENT OF DUST CONTROL SYSTEMS IN HEADING PROCESSES Dr. Reinhold Both, CFT GmbH Compact Filter Technic, Germany, tbc

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	SESSION 7: GEOMONITORING SUPPORTS STABILITY IN MINING OPERATIONS Chairmen:
17:00-17:20	22 GEOMECHANICS AS A KEY OF SAFE AND EFFECTIVE SUBSURFACE USE Anatoly Sashourin, Head Researcher, Institute of Mining of the Ural Branch of Russian Academy of Sciences, Russian Federation
17:20-17:40	23 THE CHOICE OF RATIONAL AND EFFECTIVE TECHNICAL TOOLS WHEN CONDUCTING THE UNIFORM COMBINED GEOMONITORING FOR THE OPEN-PIT MINES Baltiyeva Aminyam, Head of Laboratory, Institute of mining after D. A. Kunayev, Kazakhstan,
17:40-18:00	24 K-MINE: USAGE OF GEO-MECHANICAL MASSIF MODELS FOR ESTIMATION OF OPEN-PIT BENCHES AND EDGES STABILITY Serhii Khomenko, CTO (Technical Director), Group of companies KAI, Ukraine
18:00-18:10	Summary & Closing Remarks: What can we take home from Astana?