

# PROGRAM

**25<sup>th</sup> 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**

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

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

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

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

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12:10-12:30	<b>13 OUR VISION, OUR STRATEGY, OUR ACTIVITIES FOR ZERO ACCIDENTS</b> Roland Keidel, K+S, Germany
12:30–12:50	<b>14 MEDICAL PREVENTION AND CARE FOR MINING WORKERS ABROAD FROM VACCINATION TO EVACUATION – EXPERIENCE FROM AN INTERNATIONAL MEDICAL ASSISTANCE</b> Dr. Stefan Esser, International SOS, Germany
12:50-13:30	<b>Lunchbreak</b>
	<b>SESSION 5: COAL MINE SAFETY AND HEALTH</b> Chairmen:
13:30-14:00	<b>Keynote 3</b> <b>SAFETY CHALLENGES AND GOALS FOR COAL MINING INDUSTRY</b> Vladimir Budinsky, Manager, Severoceske doly a.s., Member of CEZ Group, Czech Republic,
<i>14:00-14:20</i>	<i>14 N.N.</i> <i>tba</i>
14:20-14:40	<b>15 STATE OF THE OCCUPATIONAL SAFETY IN THE POLISH COAL MINING INDUSTRY</b> 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	<b>16 VISION ZERO – RAG’S WAY TO ZERO ACCIDENTS</b> Joachim Löchte, Dieter Mantwill, RAG, Germany, tbc

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

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