

PROGRAMME, December 13, 2014

13.12.2014 (AGH, bld. U2, 2nd floor, rooms: 204, 205; bld. A3-A4, room 105)

09.00 – 11.30, Global village, countries and potentials: education, research, economy and business (S01), bld. A3-A4, room 105; Chair: prof. Janusz Szpytko, Poland, VODOUNON Tode Boris Gildas, Benin

Nigeria, IPAAHINDI Mlumun Joyce
Afghanistan, SHAMS Gull-Mohammad Noorullah
Bangladesh, ISLAM B.K.M. Ashraful
Benin, VODOUNON Tode Boris Gildas
Brazil, GAVA Fernando Henrique
Cape Verde, MONTEIRO TAVARES Carla
China, Xue Yan
Colombia, BERNAL ARANGO Esteban de Jesus
Congo, ILINGIO ONDJELE Francis
Cuba, BARRIOS SAN MARTIN Yaima, CUBA

11.30 – 12.00, break (bld. U2, 2 floor)

12.00 – 14.30, Global village, countries and potentials: education, research, economy and business (S02), bld. A3-A4, room 105; Chairs: SAMAKE Adama, Mali, RAZAKALANITRA Navalona Mariah, Madagascar

Georgia, ABULADZE Lia
Germany, Wilhelm Alexander
Haiti, JEAN BAPTISTE Roodley, DJEMSON Daniel
Kosovo, ASLLANI Burim
Madagascar, RAVELOSON Miky Lova Tantely, RAZAKALANITRA Navalona Mariah, RAZAFIMANDIMBY Mahery Tiana
Mali, SAMAKE Adama, DIAKITE Idrissa
Mongolia, BADRALT Enkhtur
Mongolia, BYAMBASUREN Ivanov, BADRALT Enkhtur
Namibia, SHAANIKA Sam Hinamwaameni
Niger, ABDOU Issa

14.30 – 15.15, buffet lunch (bld. U2, 2 floor)





United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair for
Science, Technology
and Engineering
Education
Krakow, Poland



AGH
AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY

UNESCO Interregional Engineering Conference in Technology and Education - Global Benchmarking and Monitoring December 11-14, 2014; Krakow, Poland

15.15 – 16.00, Thematic panels (A1, A2, A3), bld. U2, 2nd floor, rooms: 204, 205; bld. A3-A4, room 105

A1 session: Higher engineering education in global village: today situation, needs, environment and culture background, business targeting, and potential; Chairs: SHAANIKA Sam Hinamwaameni, NAMIBIA; NTAMBARA Tom, RWANDA; **bld. A3-A4, room 105**

A2 session: Policies and capacity - building in science, technology and innovation for sustainable development - worldwide experience; Chairs: MEGAO Eddie, PAPUA NEW GUINEA; MEJIA RODRIGUEZ Juki Ann, PERU; **bld. U2, 2nd floor, room: 204**

A3 session: Scientific progress in engineering and technological innovation: today and future; Chairs: IPAAHINDI Mlumun Joyce, NIGERIA; KHAWAJA AMEER Hamza, PAKISTAN; **bld. U2, 2nd floor, room: 205**

16.00 – 16.15, break

16.15 – 18.00, Global village, countries and potentials: education, research, economy and business (S03), bld. U2, 2nd floor, rooms: 204, **205**; Chairs: MEJIA RODRIGUEZ Juki Ann, Peru, MEGAO Eddie, Papua New Guinea

Pakistan, ALI Shouket, KHAWAJA AMEER Hamza
Papua New Guinea, MEGAO Eddie
Peru, MEJIA RODRIGUEZ Juki Ann
Philippines, ODCHIMAR Anita II Alvarez
Rwanda, MUSONI Noel,
Sri Lanka, KORALA HEWAGE Randika Sajeewani
St. Vincent and the Grenadines, DYER Anika Kamila Jasmine

16.15 – 18.00, Global village, countries and potentials: education, research, economy and business (S03), bld. U2, 2nd floor, rooms: **204**, 205; Chairs: MOHAMMED Osman Hanem, Sudan, DUONG Van Hao, Vietnam

Sudan, RDWAN Mosab Fathalrahman Hamd, MOHAMMED Osman Hanem, SUDAN
Tanzania, NAMGERA Roy Brown
Togo, MESSANGAN Atisso Fafadji
Ukraine, ANASTASIIA Laura
Uzbekistan, KHUSHIEV Sirojiddin, Tursunov Obid
Vietnam, DUONG Van Hao



PROGRAMME, December 14, 2014

14.12.2014 (AGH, bld. U2, 2nd floor, rooms: 204, 205; bld. A3-A4, room 105)

09.30 – 10.45, Global interregional engineering platform (plenary session, bld. A3-A4, room 105); *Chair: prof. Janusz Szpytko, Poland*

09.30 – 10.00, prof. Jerzy Niewodniczanski, Poland, Nuclear energy - threat or rescue for the world?

10.00 – 10.15, Tursunov Obid, Uzbekistan, Integrated Biomass System and Laser Bio-Technology: Comprehensive Study on Energy Extraction Routes from Biomass of Roses. Case Study of Krakow-Poland

10.15 – 10.30, Anastasiia Laura, Ukraine, Critical factors in selection of fracturing fluids for shale rock stimulation

10.30 – 10.45, Poland, Jochymek Joanna, Poland

10.45 – 11.30, Thematic panels conclusions (bld. A3-A4, room 105); *Chair: prof. Janusz Szpytko, Poland*

10.45 – 11.00, A1 session: Higher engineering education in global village: today situation, needs, environment and culture background, business targeting, and potential; *Chair: Shaanika Sam Hinamwaameni, Namibia; Ntambara Tom, Rwanda*

11.00 – 11.15, A2 session: Policies and capacity - building in science, technology and innovation for sustainable development - worldwide experience; *Chair: Megao Eddie, Papua New Guinea; Mejia Rodriguez Juki Ann, Peru*

11.15 – 11.30, A3 Session: Scientific Progress In Engineering And Technological Innovation: Today And Future; *Chair: Ipaahindi Mlumun Joyce, Nigeria; Khawaja Ameer Hamza, Pakistan*

11.30 – 12.00, break (bld. U2, 2 floor)

12.00 – 14.30, Research without borders (S05)

14.30 – 15.15, buffet lunch (bld. U2, 2 floor)

16.15 – 18.00, Research without borders (S06)

19.30 - 23.00, Round table discussion (for invitation)



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12.00 – 14.30, Research without borders (S05); Chairs: BERNAL ARANGO Esteban de Jesus, COLOMBIA; ALI Shouket, PAKISTAN

ABDOU Issa, NIGER, Application of Information and Communication Technology in Technical and Vocational Education System in Niger

ABULADZE Lia, GEORGIA, Extensive Study of Different Plant's Properties and Its Application in Pharmaceutical Industries. Case Study of Georgia

ALI Shouket, PAKISTAN, Shale Gas Formation

ASLLANI Burim, Kosovo, Santa Barbara Pb-Zn mineral deposit

BARRIOS SAN MARTIN Yaima, CUBA, Application of Laser Biotechnology for Stimulation of Hydrocarbon Biodegradation in Polluted Ecosystems

BERNAL ARANGO Esteban de Jesus, COLOMBIA, Test Bench Alternatives for Train and Tram Wheels

BYAMBASUREN Ivanov, MONGOLIA, Optical Character Recognition for Traditional Mongolian Script

DIAKITE Idrissa, MALI, Drilling and fracturing hydraulic simulation

DJEMSON Daniel, HAITI, A Business Approach for Improved Sanitation in Haiti Organic Fertilisers and Energy as Drivers

16.15 – 18.00, Research without borders (S06); Chairs: ODCHIMAR Anita II Alvarez, PHILIPPINES; SAMAKE Adama, Mali

ODCHIMAR Anita II Alvarez, PHILIPPINES, Reliability of a Hub-and-Spoke Freight Network in the Philippines

RAVELOSON Miky Lova Tantely, MADAGASCAR, The Importance of Paleontology to the Development of Geotourism in Madagascar: Utility of Creating a Geopark

RAZAFIMANDIMBY Mahery Tiana, MADAGASCAR, Toward an Optimal Utilization of TIC as an Instrument of Nation Branding Policy in Madagascar

RAZAKALANITRA Navalona Mariah, MADAGASCAR, Proposal for the Development of Healthy and Sustainable Village in Selective Regions of Madagascar

RDWAN Mosab Fathalrahman Hamd, SUDAN, Heavy Oil

SAMAKE Adama, Mali, Thermal Management of Integrated Circuit



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12.00 – 14.30, Research without borders (S05); Chairs: ISLAM B.K.M. Ashraful, BANGLADESH, IPAAHINDI Mlumun Joyce, NIGERIA

DUONG Van Hao, VIETNAM, The primary investigations of the radiological impacts of the copper mining at Sin-Quyen Lao-Cai, North Vietnam on environment
DYER Anika Kamila Jasmine, St. VINCENT and THE GRENADINES, Assessment of the geotouristic values of volcanic geosites in Saint Vincent and the Grenadines
GAVA Fernando Henrique, BRAZIL, Biotechnology Laser in Fast Tree Growth
GREN Volodymyr, Ukraine, Research and apply of advanced techniques into process of software delivery in the existing large scale applications
ILINGIO ONDJELE Francis, Congo, Mineralogy and geochemistry of IOCG-type deposit
IPAAHINDI Mlumun Joyce, NIGERIA, Infrastructure of Transport Systems in Nigeria and Management Strategies
ISLAM B.K.M. Ashraful, BANGLADESH, Possibilities for modernization of the transport system in Dhaka
JEAN BAPTISTE Roodley, HAITI, Developing telematics for more efficient transportation in Haiti
KHUSHIEV Sirojiddin, UZBEKISTAN, Application of GPS and GSM in Transport Engineering - Uzbekistan case study

16.15 – 18.00, Research without borders (S06); Chairs: SHAANIKA Sam Hinamwaameni, NAMIBIA; SAIDOV Khikmat, Tajikistan

SHAANIKA Sam Hinamwaameni, NAMIBIA, Opportunities for improvement the transport system in Namibia
SAIDOV Khikmat, Tajikistan, Today's roles and importance of SCSHM for Buildings and Facilities
VODOUNON Tode Boris Gildas, Benin, Safety transportation problems in container terminals
KHAWAJA AMEER Hamza, PAKISTAN, Hydraulic Fracturing or Fracking
MEJIA RODRIGUEZ Juki Ann, PERU, Concept of application of the Polish innovative biotechnology for improvement the quality of the environment and promotion of sustainable development in selected region
SHAMS Gull-Mohammad Noorullah, AFGHANISTAN, Mining and geology, the deposits at the great depths



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12.00 – 14.30, Research without borders (S05); Chairs: MONTEIRO TAVARES Carla, CAPE VERDE; MESSANGAN Atisso Fafadji, TOGO

KORALA HEWAGE Randika Sajeewani, SRI LANKA, Manufacturing of Ti₃AlC₂ MAX phase material by self propagating high temperature synthesis method with use of intermetallic precursors

LANTOARINDRIAKA Alinananja, MADAGASCAR, Approach to geochemistry characteristics determination of Ilmenite ore deposit, including dynamic innovators; case of Fort-Dauphin Madagascar

MEGAO Eddie, PAPUA NEW GUINEA, Drilling and hydraulic fracturing simulation

MESSANGAN Atisso Fafadji, TOGO, If the Transport Telematics Systems are Necessary in Togo

MOHAMMED Osman Hanem, SUDAN, Oil well log interpretation

MOLINA GARCIA Evelyn Janet, CUBA, Reliability in the gas pipeline transport system in Cuba

MONTEIRO TAVARES Carla, CAPE VERDE, Study to Control the Transport System of Cape Verde Using Telematics Application

MUSONI Noel, RWANDA, Research on Finding Gas in Unconventional Reservoirs

NAMGERA Roy Brown, TANZANIA, Modeling of Ore Deposits

16.15 – 18.00, Research without borders (S06); Chairs: ISLAM Ashraful, BANGLADESH, BADRALT Enkhtur, MONGOLIA

BADRALT Enkhtur, MONGOLIA, Western Mongolian Geotourism Future

KHUDZHAMULLOEV Khukmron Kanoatovich, TAJIKISTAN, Tailing and environment, the case of tailings and waste dumps in Tajikistan

ISLAM Ashraful, SULTANA Najnin, BANGLADESH, Ubiquitous Future M-Health System Including Wireless 3G Technology in Bangladesh

