



3rd BRICS Young Scientist Forum
Elangeni Hotel
Durban, South Africa
25-29 June 2018

Theme: Building BRICS Youth Leadership through Science, Technology and Innovation

Sunday, 24 June 2018

| | |
|-------------|--|
| 16h00-19h00 | Registration |
| 19h00-21h00 | Welcome Reception |
| 19h00-19h10 | Opening Remarks Mr Daan du Toit, Deputy Director-General, Department of Science and Technology of South Africa |
| 19h10-19h30 | Welcoming Address by the Executive Mayor of eThekweni Municipality Councillor Zandile Ruth Thelma Gumede |
| 19h30-21h00 | Dinner |

Monday, 25 June 2018

Session 1: Opening of the 3rd BRICS Young Scientist Forum

Chair: Mr Daan du Toit Deputy Director-General, Department of Science and Technology of South Africa

| | |
|---|--|
| 09h00-10h30 | Registration (Tea, Coffee and Refreshments Served) |
| 10h30-10h35 | Opening Remarks Dr Neville Arendse, Chief Director, Department of Science and Technology of South Africa |
| 10h35-10h50 | Keynote Address Mr Daan du Toit, Deputy Director-General, Department of Science and Technology of South Africa |
| 10h50-11h30 | Remarks from Leaders of BRICS Delegations <ul style="list-style-type: none">• Brazil (5 min)• India (5 min)• Russia (5 min)• China (5 min) |
| 11h30-11h45 | Outline of the 3rd BRICS Young Scientist Programme Ms Bongzi Mkhize, Deputy Director, Department of Science and Technology of South Africa |
| 11h45-12h00 | Group Photo |
| 12h00-13h00 | Lunch |
| Session 2 : BRICS Young Women in Science Dialogue Facilitator: Dr Ronicka Mudaly, University of KwaZulu Natal, South Africa | |
| 13h00-13h10 | Facilitator Opens the Dialogue and Introduces the Main Speakers Dr Ronicka Mudaly, University of KwaZulu Natal, South Africa |
| 13h10-13h30 | Presenter 1 <i>Topic: The Strategic Role of Women in Globalised Science</i> <ul style="list-style-type: none">• Prof Alta Schutte, North West University, South Africa |

| | |
|-------------|---|
| 13h30-13h45 | <p>Presenter 2 Topic: My Road Through Science: Achievements and Challenges</p> <ul style="list-style-type: none"> • Ms Pelly Malebe, University of Pretoria, South Africa |
| 13h45-14h00 | <p>Lead Discussant Brazil</p> <ul style="list-style-type: none"> • Dr Fernanda Werneck, Instituto Nacional de Pesquisas da Amazônia (INPA)/ Institute of Amazonian Research |
| 14h00-14h15 | <p>Discussant Russia</p> <ul style="list-style-type: none"> • Ms Maria Buriina, Central Economics and Mathematics Institute of the Russia Academy of Sciences; • Ms Tatiana Pirozhkova, Tambov State University |
| 14h15-14h30 | <p>Discussant India</p> <ul style="list-style-type: none"> • Ms. Deepika Kandoi, Jawaharlal Nehru University, New Delhi |
| 14h30-14h45 | <p>Discussant China</p> |
| 14h45-15h00 | <p>Q&A</p> |
| 15h00-15h15 | <p>Tea/Coffee Break</p> |
| 15h15-16h15 | <p>Group Discussion</p> |
| 16h15-16h30 | <p>Facilitator Wrap up and Closing Comments</p> |

Tuesday, 26 June 2018

Session 3: Parallel Sessions on Energy, Water and Social Sciences

| | | | |
|-------------|---|---|---|
| 09h00-09h15 | Opening Remarks Dr Neville Arendse, Chief Director, Department of Science and Technology of South Africa | | |
| 09h15-12h30 | Breakaway of Parallel Sessions Part 1 | | |
| | Parallel Session on Energy <i>Topic: Present and Future Energy Imperatives of BRICS Economies</i> Facilitator: Prof Phuti Ngoepe, University of Limpopo, South Africa | Parallel Session on Water <i>Topic: Strategic Management and Conservation of BRICS Water Resources in the Context of Global Climate Change</i> Facilitator: Prof Roland Schulze, University of KwaZulu-Natal, South Africa | Parallel Session on Social Science <i>Topic: Impact and Challenges of Modern ICTs on Youth Identity and Socio-Cultural Choices</i> Facilitator: Ms Ester van der Linde, MERSAT, South Africa |
| 09h15-09h25 | Facilitator Introduction | Facilitator Introduction | Facilitator Introduction |
| 09h25-09h45 | Presenter 1 China | Presenter 1 Russia <ul style="list-style-type: none"> • Milshina Yulia, National Research University, Higher School of Economics | Presenter 1 Brazil <ul style="list-style-type: none"> • Dr Leonardo Fontes, State University of São Paulo |
| 09h45-10h00 | Lead Discussant India <ul style="list-style-type: none"> • Mr. Dipesh Kumar, Central University of Jharkhand, Ranchi; • Mr. Roby Soni, CSIR-National, Chemical Laboratory, Pune | Lead Discussant South Africa <ul style="list-style-type: none"> • Dr Nonjabulo Gule, University of Stellenbosch | Lead Discussant Russia <ul style="list-style-type: none"> • Alexander Chekov, Moscow State Institute of International Relations; • Igor Semenovskiy, Financial University under the RF Government |
| 10h00-10h10 | Discussant South Africa <ul style="list-style-type: none"> • Dr Pontsho Mbule, University of South Africa | Discussant 1 Brazil <ul style="list-style-type: none"> • Dr Joao Paulo Bassin, Federal University of Rio de Janeiro • Mr Rafael Mendoca Duarte | Discussant 1 South Africa <ul style="list-style-type: none"> • Ms Nolukhanyo Theodora Metula |

| | | | |
|-------------|---|--|---|
| 10h00-10h20 | Discussant 2 Brazil <ul style="list-style-type: none"> • Dr Frederico Kronemberger, Federal University of Rio de Janeiro | Discussant 2 India <ul style="list-style-type: none"> • Ms. Pinki Rani Agrawal, CSIR-National Physical Laboratory, New Delhi; • Mr. Rahul Sahebrao Sutar, IIT Bombay, Mumbai | Discussant 2 China (Title, Name, Surname, Institution) |
| 10h20-10h30 | Discussant 3 Russia <ul style="list-style-type: none"> • Mikhail Gapanovich, Institute of Problems of Chemical Physics of the Russian Academy of Sciences; • Dmitry Podlesniy, Institute of Problems of Chemical Physics of the Russian Academy of Sciences | Discussant 3 China <ul style="list-style-type: none"> • | Discussant 3 India <ul style="list-style-type: none"> • Ms. Harsha V, BITS Pilani; • Mr. Amarnath Pathak, National Institute of Mizoram |
| 10h30-10h45 | Tea/Coffee Break | | |
| 10h45-12h00 | Breakaway of Country Groups | Breakaway of Country Groups | Breakaway of Country Groups |
| 12h00-12h25 | Summary of Country Groups 5 min Per Presentation <ul style="list-style-type: none"> • Brazil • Russia • India • China • South Africa | Summary of Country Groups 5 min Per Presentation <ul style="list-style-type: none"> • Brazil • Russia • India • China • South Africa | Summary of Country Groups 5 min Per Presentation <ul style="list-style-type: none"> • Brazil • Russia • India • China • South Africa |
| 12h25-12h30 | Facilitator Wrap-up and Closing Comments | Facilitator Wrap-up and Closing Comments | Facilitator Wrap-up and Closing Comments |
| 12h30-13h30 | Lunch | | |

| Session 4A: BRICS Young Innovator Prize Chair: Dr Neville Arendse, Chief Director, Department of Science and Technology of South Africa | |
|---|--|
| 13h30-13h50 | Chair Opens the Competition and Introduces the Adjudication Panel and the Participants |
| 13h50-14h15 | Presentation of the Rules Ms Geralda Winkler, Central University of Technology, South Africa Chair of the Adjudication Panel |
| 14h15-15h45 | Young Innovator Prize – 1st Session of Elimination Round 20 min Per Submission <ul style="list-style-type: none"> • Brazil - Raphael Machado Garcez Pizzi • Russia - Assel Akhmetova, AN Belozersky Institute of Physico-Chemical Biology • India - Abhishek Bhagat (Innovator, NIF), Bhagalpur Bihar • China - WU Yifan, Shanghai Yunli Information Technology Co.Ltd • South Africa - Name, Surname |
| 15h45-16h00 | Tea/Coffee Break |
| 16h00-17h40 | Young Innovator Prize – 2nd Session of Elimination Round 20 min per Submission <ul style="list-style-type: none"> • Brazil - Simony César Ramos de Moura • Russia - Alexander Lyapunov, Chita State Medical Academy • India - Anang Tadar (Innovator, NIF), Papum Pare, Arunachal Pradesh • China - WANG Shu, Quindao Wisdom Yungu Intelligent Co. Ltd • South Africa – Andrew Mayer, |
| 17h40-18h15 | Adjudication Panel Deliberates |
| 18h15-18h25 | Adjudication Chair Announces the 5 Competitors to go through to the YIP Finals Ms Geralda Winkler, Central University of Technology, South Africa |

| | | | |
|---|---|--|---|
| 18h25-18h30 | Chair Wrap-up and Closing Remarks | | |
| Session 4B: Breakaway of Parallel Sessions Part 2 - Open Platform for Presentations on Research Areas and Priorities | | | |
| | Parallel Session on Energy <i>Topic: Present and Future Energy Imperatives of BRICS Economies</i> Facilitator: Dr Mkhulu Mathe, Council for Scientific and Industrial Research (CSIR), South Africa | Parallel Session on Water <i>Topic: Strategic Management and Conservation of BRICS Water Resources in the Context of Global Climate Change</i> Facilitator: Prof Roland Schulze, University of KwaZulu-Natal, South Africa | Parallel Session on Social Science <i>Topic: Impact and Challenges of Modern ICTs on Youth Identity and Socio-Cultural Choices</i> Facilitator: Mr Stanley Maphosa, Academy of South Africa (ASSAf), South Africa |
| 13h30 - 13h35 | Facilitator Introduction | Facilitator Introduction | Facilitator Introduction |
| 13h35 - 15h45 | Presentations 7 min per presentation <ol style="list-style-type: none"> 1. <i>“Smart Management in Indoor Energy Utilization - Electrochromism and its Perspectives”</i>, by Sreejith Shankar P, CSIR-NIIST, India 2. <i>“Composite cylinders for portable hydrogen applications”</i> by Ashton Swartbooi, CSIR, South Africa 3. <i>Waste to Energy: Confectionery waste as a substrate for renewable energy production</i> by Carol Ngwenya, University of Cape Town, South Africa 4. <i>Advanced Compressed Air Energy Storage System</i>, by Chen Haisheng, Institute of Engineering | Presentations 7 min per presentation <ol style="list-style-type: none"> 1. <i>“Water Cycle Under Global Warming”</i>, by Lin Xiaopei, Ocean University, China 2. <i>“Water Remediation with Nanotechnology”</i>, by Jing Chuanyong, Research Centre for Eco-Environmental Sciences, Chinese Academy of Sciences, China 3. <i>“The Issue of Mine-Impacted Water within BRICS – Problem or Opportunity?”</i>, by Tamsyn Grewar, Mintek, South Africa 4. <i>“Synthesis and application of a molecularly imprinted polymer in the solid-phase extraction of selected acidic pharmaceutical from wastewater”</i>, by Silindile Zungu, Durban University of Technology, South Africa | Presentations 7 min per presentation <ol style="list-style-type: none"> 1. <i>“Understanding morality using online conversations”</i>, by Rishemjit Kaur, CSIR- CSIO, India 2. <i>“The impact of social media on the identity of youth, cultural choices and sociability”</i> by Arvitha Doodnath, Vaal University of Technology, South Africa 3. <i>“The Intersection of modern ICT Technologies and Cultural Identity in South Africa: A Decolonial Perspective”</i>, by Akhona Nkenkana, University of South Africa 4. <i>“Social Media Information Communication Technology (ICT) Platforms as Sources of Ideas for Youth Entrepreneurs”</i> by Michael Sizwe |

| | | | |
|--|---|--|---|
| | <p>Thermophysics, Chinese Academy of Sciences, China</p> <p>5. <i>Agglomeration of Coal Fines using microalgae slurry as a potential route of upgrading the discard Coal Fines</i> by Hope Baloyi, Nelson Mandela Metropolitan University, South Africa</p> <p>6. <i>Energy Security, Diversity & Socio-economic Development</i> by Khuthala Somdaka, Coega Development Corporation, South Africa</p> <p>7. <i>A potential disaster from a promising field of biofuels</i>, by Ndzondelelo Bingwa, University of Johannesburg, South Africa</p> <p>8. <i>The past, present and future prospects of lithium ion batteries cathode materials</i>, by Nomasonto Rapulenyane, CSIR, South Africa</p> <p>9. <i>Optofluidic Microreactors for Energy and Environmental Applications</i>, by Chen Rong, Chongqing University, China</p> <p>10. <i>“Luminescent materials to enhance the efficiency of Photovoltaic Solar Cells”</i>, by Victor Fokotsa Molefe, University of South Africa</p> <p>11. <i>“Global Collaborative Fusion Energy Research: from Physics to Engineering”</i>, by Gao Zhe, Tsinghua University, China</p> | <p>5. <i>“Preparation of ZnO photocatalysts for enhanced photocatalytic degradation of BPA in aqueous environments”</i>, by Lethula Mofokeng, CSIR, South Africa</p> <p>6. <i>“Evaluation of DPMETHS model for improved estimation of open water evaporation in South Africa”</i>, by Lindumusa Myeni, Agricultural Research Council, South Africa</p> <p>7. <i>“Emerging organic contaminants as environmental tracers for the determination of ingress points”</i>, by Lufuno Ligavha-Mbelengwa, Council for Geosciences, South Africa</p> <p>8. <i>“Advance technology development for wastewater treatment”</i>, by Binota Thokchom, IIT Guwahati, India</p> <p>9. <i>“The Development of a Participatory Community-Based Mapping Methodology for Climate Smart and Resilient Informal Settlements: A Case Study of Quarry Road West Informal Settlement, Durban, South Africa”</i>, by Bahle Mazeka, University of KwaZulu-Natal, South Africa</p> <p>10. <i>“Impact of Science, Engineering and Technology (SET) Solutions in Addressing Water Quality: A Case Study Approach”</i>, by Mendi Shozi and Kavandren Moodley, CSIR, South Africa</p> <p>11. <i>“Breeding indigenous beef cattle genotypes with exotic bovine species as a mitigation strategy to the ever changing climatic conditions and water crisis of</i></p> | <p>Mkhwanazi, University of Johannesburg, South Africa</p> <p>5. <i>“Exploratory study on the use of quadratic voting as a methodology to measure a community’s preference on key areas of focus through mobile devices”</i>, by Khanya Vilakazi, Human Sciences Research Council, South Africa</p> <p>6. <i>“The social responsibility of local web news in reclaiming food security and people’s identities in the Eastern Cape Province, South Africa”</i>, by Nolukhanyo Metula, University of Fort Hare, South Africa</p> <p>7. <i>“A Formula Embedding Approach to Math Information Retrieval”</i> by Amarnath Pathak, National Institute of Mizoram, India</p> |
|--|---|--|---|

| | | | |
|---------------|--|---|--|
| | <p>12. <i>“The potential of cassava root and banana peel utilization as a source of clean energy in South Africa”</i>, by , Tonna Ashim Anyasi, University of Venda, South Africa</p> <p>13. <i>“The latency of firewood”</i> by Anton Pillay, Vaal University of Technology, South Africa</p> | <p><i>South Africa: Turning threats into opportunities for the future in livestock production”</i>, by Mhlangabezi Slayi, University of Fort Hare, South Africa</p> <p>12. <i>“Assessment of the grapevine and environmental interactions: integrating weather and satellite data in the context of climate change for improved adaptation strategies, South Africa”</i>, by Tara Southey, Stellenbosch University, South Africa</p> <p>13. <i>“Reduce health risk of arsenic poisoning by remediation of drinking water based on biomineralization”</i>, by Pan Xiangliang, Zhejiang University of Technology, China</p> <p>14. REJECTING THE DUTCH DISEASE NOTION? Debunking the resources-growth nexus: Understanding the long-term behaviour of the contribution of natural resources to GDP in BRICS - Strategic and conservation management of BRICS natural/water resources for GDP growth,, by Basanda</p> | |
| 15h45-16h00 | Tea/Coffee Break | | |
| 16h00 - 19h30 | <p>Presentations 7 min per presentation</p> <p>14. <i>“The Role of PGMs in Fuel Cell Technologies ”</i>, by Nqobile Xaba, CSIR, South Africa</p> | <p>Presentations 7 min per presentation</p> <p>15. <i>“Spatio-Temporal Assessment of KZN Dams Using Landsat 8 OLI Dataset in the Wake of Climate Change and Sedimentation Processes”</i>, by Oupa</p> | <p>Presentations 7 min per presentation</p> <p>8. <i>“Digitized Displacement: Digital connectivity as a critical factor influencing socio-economic mobility of individuals in emerging economies”</i>, by</p> |

| | | | |
|--|--|--|---|
| | <p>15. <i>“Beneficiation of waste coal using Scenedesmus microalgae biomass”</i> by Sibongiseni Gaqa, Nelson Mandela Metropolitan University, South Africa</p> <p>15. <i>“Long-range ordering of bulk heterojunctions for organic photovoltaics”</i>, by Li Hanying, Zhejiang University, China</p> <p>16. <i>“Exploration of Metal-Organic Frameworks Derived from Waste Polyethylene Terephthalate (PET) for Energy-Related Applications”</i>, by Xoliswa Dyosiba, CSIR, South Africa</p> <p>17. <i>“1D Growth of Conducting Polymers over Carbon Morphologies Towards High-Performance Supercapacitors”</i>, by Roby Soni, CSIR-National, Chemical Laboratory, India</p> <p>18. <i>“Towards alternative Green-fuels and CO₂ –mitigation”</i>, by Xolile Fuku, CSIR, South Africa</p> <p>19. <i>“Investigating energy usage among low-income households and the implications for risk”</i>, by Alberto Francioli, Stellenbosch University, South Africa</p> <p>20. <i>“Potentials of ZSM-5 zeolite in the valorization of wastes to fuels and petrochemicals”</i>, by Yusuf Makarfi , Durban University of Technology, South Africa</p> | <p>Malahlela, South African National Space Agency, South Africa</p> <p>16. <i>“Performance Evaluation of Polymer Composites for Wastewater Remediation: Implications for Water Reuse ”</i> by Lindani Mdlalose, CSIR, South Africa</p> <p>17. <i>Characteristics of Water Resources and its Management Practices in China”</i>, by Huang Changshuo, Nanjing Hydraulic Research Institute, China</p> <p>18. <i>“Ecological infrastructure: Durban's new 'water moment' in the context of climate change?”</i>, by Patrick Martel, University of KwaZulu-Natal, South Africa</p> <p>19. <i>“An innovative, low cost solution for treating mine-impacted water with value recover”</i>, by Tyan Marais, University of Cape Town, South Africa</p> <p>20. <i>“Carbon Nanolights for Water Pollutants Monitoring”</i>, by Pooja Devi, CSIR-CSOI, Chandigarh, India</p> <p>21. <i>“Forward Osmosis a Desalination Technology”</i>, by Zandile Estella Jingxi, Cape Peninsula University of Technology, South Africa</p> <p>22. <i>“Quantifying the water use of cover crops commonly grown in South African apple orchards”</i>, by Zanele Ntshidi, CSIR, South Africa</p> <p>23. <i>“Ecosystem services provided by South African palmiet wetlands: can we justify the true cost of development?”</i>, by Alanna</p> | <p>Nhlanhla Gamede, University of Johannesburg, South Africa</p> <p>9. <i>TBC</i>, by Chekov Alexander, Moscow State Institute of International Relations, Russia</p> <p>10. <i>“Socialisation, Security and Future”</i>, by Subhankar Mishra, NISER, Bhubaneswar, India</p> <p>11. <i>“The provision of Digital Skills towards developing the capacity of youth who are Not in Education, Employment Or Training (Neet) for the future of work”</i>, by Walter Matli, Vaal University of Technology, South Africa</p> <p>12. <i>“Urban land question: South African Universities in cities”</i>, by Mihlali Mzileni, Nelson Mandela Metropolitan University, South Africa</p> |
|--|--|--|---|

| | | | |
|--|--|---|--|
| | <p>21. <i>“Sustainable coal use in South Africa”</i>, by Marvin Ofentse Moroeng, University of Johannesburg, South Africa</p> <p>22. <i>“Control and Utilization of Subsurface Fires: Turn Hazards to Resources”</i>, by Zhou Fubao, University of Mining, China</p> <p>23. <i>“Factors Causing Delay of Modification Projects in a Power Plant”</i>, by Sikholiwe Ntoyanto, University of Cape Town, South Africa</p> <p>24. <i>“The Electric Vehicle Development and Application Status in China”</i>, by Gan Haiyun, Tianjin University of Technology and Education, China</p> <p>25. <i>“Climate and China’s Water-Energy nexus”</i>, by Zhu Yongnan, Institute of Water Resources and Hydropower Research, China</p> <p>26. <i>“Potential for Demand Response programs under high penetration of Electric Vehicles in South Africa”</i>, by Paseka Mabina, CSIR, South Africa</p> <p>27. <i>“Exploring the feedbacks between climate resilient buildings and energy imperatives in South African cities: The need for an integrated assessment framework for city planning”</i>, by Yerdashin Padayachi, CSIR, South Africa.</p> | <p>Rebelo, Stellenbosch University, South Africa</p> <p>24. <i>“Processes and Approaches of Coastal Ecosystem Carbon Sequestration”</i>, by Zhang Yao, Xiamen University, China</p> <p>25. <i>“A novel framework and approach of maritime information transmission”</i>, by Shen Zhong, Nanhai National Key Laboratory of Marine Resources Utilization, Hainan University, China</p> <p>26. <i>“The application and extractive chemistry of base metals with imidazole-based extractants from wastewater”</i>, by Puleng Moleko-Boyce, Nelson Mandela Metropolitan University, South Africa</p> <p>27. <i>“Towards improved water use and management in the context of climate-smart agriculture: prospect for smallholder farmers in BRICS countries”</i>, by Rodney Lavhelesani Managa, Human Sciences Research Council, South Africa</p> <p>28. <i>“Water does not come from a tap: restore ecosystems for future water security”</i>, by Phumza Ntshotsho, CSIR, South Africa</p> <p>29. <i>“Sino-Africa water technology Innovation : communication and dialogue”</i>, by Zhang Jin, Zhejiang Normal University, China</p> <p>30. <i>“Integrated Water Resources Management in China: Practicing the Strictest Water Resources Management System”</i>, by Liu Jiahong, Institute of Water Resources and Hydropower Research, China</p> | |
|--|--|---|--|

| | | | |
|--|---|---|--|
| | | 31. <i>"Flood Frequency Analysis and Design Flood Estimation in the Luvuvhu River Catchment, South Africa"</i> , by Mulalo Thavhana, Agricultural Research Council, South Africa | |
| Wednesday, 27 June 2018 | | | |
| Session 5: Workshop on Youth Innovation and Entrepreneurship Facilitator: Mr McLean Sibanda, Executive Director, Innovation Hub (South Africa) | | | |
| 09h00-09h10 | Facilitator Opens the Workshop and Introduces the Main Speakers | | |
| 09h10-09h25 | Opening Remarks Mr Patrick Krappie, Executive Manager: Strategic Engagements & Corporate Relations, Technology Innovation Agency (South Africa) | | |
| 09h25-09h45 | Presenter China | | |
| 09h45-10h00 | Lead Discussant Brazil | | |
| 10h00-10h10 | Discussant 1 Dr Nitin Maurya, Scientist-C, NIF, Ahmedabad, India | | |
| 10h10-10h20 | Discussant 2 Evgeniy Anikin, Moscow Institute of Physics, Russian Federation | | |
| 10h20-10h30 | Discussant 3 Mr Vishen Pillay, Adams and Adams, South Africa | | |
| 10h30-11h00 | Q&A | | |
| 11h00-11h15 | Tea/Coffee Break | | |

| | |
|---|--|
| 11h15-12h15 | Group Discussion |
| 12h15-12h30 | Facilitator Wrap-up and Closing Remarks |
| 12h30-13h30 | Lunch |
| Session 6: Seminar on Science Diplomacy, Advice and Communication Facilitator: Mr Joseph Senona, Director, Department of Science and Technology of South Africa | |
| 13h30-13h40 | Facilitator Opens the Seminar and Introduces the Main Speakers |
| 13h40-14h05 | Presenter 1 <ul style="list-style-type: none"> Mr Daan du Toit, Deputy Director-General, Department of Science and Technology of South Africa |
| 14h05-14h20 | Lead Discussant India <ul style="list-style-type: none"> <i>“Paradigm shift in Science Diplomacy”</i> by Dr Harshal Kumar, HONPRO SIGNATORY |
| 14h20-14h30 | Discussant 1 Russia <ul style="list-style-type: none"> Svetlana Krivokhizh, National Research University, Higher School of Economics, Saint Petersburg Igor Pivinskii, RUDN University |
| 14h30-14h40 | Discussant 2 Brazil <ul style="list-style-type: none"> Dr Adriano Veloso, Federal University of Minas Gerais |
| 14h40-14h50 | Discussant 3 China |
| 14h50-15h15 | Q&A |
| 15h15-15h30 | Tea/Coffee Break |

| | |
|---|---|
| 15h30-16h30 | Group Discussion |
| 16h30-16h45 | Facilitator Wrap-up and Closing Remarks |
| Thursday, 28 June 2018 | |
| Session 7: BRICS Young Innovator Prize Finals Chair: Dr Neville Arendse, Chief Director, Department of Science and Technology of South Africa | |
| 09h00-09h05 | Chair Opens Session and Welcomes 5 Finalists |
| 09h05-09h15 | Remarks by the Chair of the Adjudication Panel Ms Geralda Winkler, Central University of Technology, South Africa |
| 09h15-11h00 | Young Innovator Prize Finals 35 min per Submission Competitor No.1 – Name, Surname and Country Competitor No.2 - Name , Surname and Country Competitor No.3 - Name , Surname and Country |
| 11h00-11h20 | Tea/ Coffee Break |
| 11h20-12h30 | Young Innovator Prize Finals 35 min per Submission Competitor No.4 - Name , Surname and Country Competitor No.5 - Name , Surname and Country |
| 12h30-13h30 | Lunch |

| Session 7: BRICS Young Innovator Prize Results Facilitator: Dr Neville Arendse, Chief Director, Department of Science and Technology of South Africa | |
|---|--|
| 13h30-15h00 | Adjudicator Panel deliberates |
| 13h30-15h00 | Networking Session |
| 15h00-15h15 | Chair of the Adjudicator Panel announces the winners of the BRICS Young Innovator Prize Ms Geralda Winkler, Central University of Technology, South Africa |
| 15h15-15h30 | General Feedback of Adjudication Panel <ul style="list-style-type: none"> • Brazil (3 min) • Russia (3 min) • India (3 min) • China (3 min) • South Africa (3 min) |
| 15h30-15h45 | Chair Wrap-up and Closing Remarks |
| 15h45 | Delegates at leisure |
| Friday, 29 June 2018 | |
| Closing Session of the 3rd BRICS Young Scientist Forum Chair: Mr Daan du Toit, Deputy Director-General, Department of Science and Technology of South Africa | |
| 09h00-09h10 | Chair Opens the Final Session and Welcomes all the Participants of the 3rd BRICS Young Scientist Forum |
| 09h10-09h30 | Presentation on BRICS Innovator/Maker Challenge Ms Ester van der Linde, Manufacturing, Engineering and Related Services Sector, Education and Training Authority (MERSETA), South Africa |

| | |
|-------------|--|
| 09h30-10h00 | <p>Prize Giving Ceremony Dr Phil Mjwara, Director-General, Department of Science and Technology of South Africa</p> <ul style="list-style-type: none"> • BRICS Young Innovator Prize |
| 10h00-10h25 | <p>Closing Remarks Dr Phil Mjwara, Director-General, Department of Science and Technology of South Africa</p> <ul style="list-style-type: none"> • Leader of the delegation of Brazil (5 min) • Leader of the delegation of Russia (5 min) • Leader of the delegation of India (5 min) • Leader of the delegation of China (5 min) |
| 10h25-10h45 | <p>Media Session Leaders of the BRICS delegation</p> |
| 11h00 | <p>Excursion</p> |