

Program at a Glance

30 November 2024 Saturday

08:00-17:00	Registration		
09:00:10:00	Inaugural Ceremony		
10:00-10:40	Theme Lecture: The Quantum and the FIR (Auditorium)		
10.40-11.00	Break		
11.00-11.35	Plenary Lecture I (Auditorium)		
11.35-12.40	Scientific Session I Hall A	Scientific Session II Hall B	Scientific Session III Hall C
12.40-13.15	Plenary Lecture II (Auditorium)		
13.15-14.00	Prayer, Lunch & Poster		
14.00-15.10	USG Symposium on Innovations in Drug Development (Auditorium)		
15.10-16.15	Scientific Session IV Hall A	Scientific Session V Hall B	Scientific Session VI Hall C
16.15-16.30	Light Refreshment and Poster		
16.30-18.30	Future Earth Symposium (Jointly organized with Future Earth)		
18.30-19.30	SCA Board of Management Meeting		
19.30-	Reception		

01 December 2024 Sunday

09.00-10.25	Scientific Session VII Hall A	Scientific Session VIII Hall B	Scientific Session IX Hall C
10.25-11.00	Light Refreshment & Poster		
11.00-11.35	Plenary Lecture III (Auditorium)		
11.35-13.00	Scientific Session X Hall A	Scientific Session XI Hall B	Scientific Session XII Hall C
13.00-14.00	Prayer, Lunch and Poster		
14.00-15.30	Symposium on Food Security (Auditorium)		
15.30-16.30	Young Researchers' Session (Auditorium)		
16.30-18.00	Panel Discussion: Role of the Scientists to meet the Global Challenges through 4th Industrial Revolution (Auditorium)		

02 December 2024 Monday

09.00-10.00	ISC Symposium on International Science Council - Developments and Opportunities (Auditorium)
10.00-11.00	Discussion with Stakeholders (Auditorium)
11.00-11.30	TWAS-BAS Young Scientist Gold Medal Distribution Ceremony (Auditorium)
11.30-12.30	Concluding Session (Auditorium)
12.30-14.00	Lunch & Prayer

23rd SCIENCE COUNCIL OF ASIA CONFERENCE

30 November-02 December 2024

FOURTH INDUSTRIAL REVOLUTION AND FUTURE SOCIETY

Program

Hybrid

- In-Person at the National Science & Technology Complex, Agargaon, Dhaka, Bangladesh
- Webinar on Zoom Platform

30 November 2024 Saturday

08:00-17:00 : **Registration**

09:00:10.00 : **Inaugural Ceremony**

Chair : Emeritus Prof Dr AK Azad Chowdhury

President, Bangladesh Academy of Sciences and Chair, Organizing Committee

Address of Welcome by **Prof Dr Zahurul Karim**

Vice-President, BAS and Chair, Program Committee, 23rd SCAC

Introduction to BAS activities by **Prof Dr Haseena Khan**

Secretary, Bangladesh Academy of Sciences

Address by **Prof Dr MITSUISHI Mamoru (OL)**

President, Science Council of Japan

Address by **Prof Dr Muhammad Aslam Baig**

President, Science Council of Asia

Address by the Special Guest, **Prof Dr M Iqbal Choudhary**

Coordinator General, OIC-COMSTECH

Address by the Chief Guest, **Prof Dr SMA Faiz**

Chairman, University Grants Commission, Bangladesh

Address by the Chair, **Emeritus Prof Dr AK Azad Chowdhury**

President, Bangladesh Academy of Sciences and Chair, Organizing Committee

Vote of Thanks by **Prof Dr Liaquat Ali**

Fellow, BAS and Organizing Secretary, 23rd SCAC

- 10:00-10:40 : **Theme Lecture**
THE QUANTUM AND THE FIR
- Chair : **Prof Dr Mesbahuddin Ahmed**
Chair, Chairperson, Bangladesh Accreditation Council, Government of the People's Republic of Bangladesh
- Speaker : **Prof Dr M Zahid Hasan**
Eugene Higgins Professor of Physics at Princeton University; Visiting Professor of Physics at Massachusetts Institute of Technology (MIT), United States of America
- 10.40-11.00 : **Break**
- 11.00-11.35 : **Plenary Lecture**
- Chair : **Dr Aimee Lynn A Barrion-Dup (OL)**
National Research Council of the Philippines (NRCP), Philippines
- Speaker : **PL 01. Prof Dr USUI Emiko (OL)**
Institute of Economic Research, Hitotsubashi University, Tokyo, Japan
 Enhancing women's representation in science
- 11.35-12.40 : **SCIENTIFIC SESSION I (PARALLEL) - HALL A**
Technology
- Chairs : **Prof Dr AA Mamun (BAS)**
Prof Dr Samia Subrina (BAS)
- 11.35-12.00 : **Keynote Lecture**
KL 01. Prof Dr Tanusri Saha-Dasgupta (OL)
SN Bose National Centre for Basic Sciences, Kolkata, India
 Machine Learning approach of design of new materials with targeted properties
- 12.00-12.20 : **IL 01. Prof Dr Syed Arshad Hussain**
Department of Physics, Tripura University. Suryamaninagar, Tripura, India
 Biomaterials induced memristors: potential candidate for the next generation bioelectronics
- 12.20-12.40 : **IL 02. Prof Dr Lafifa Jamal**
Department of Robotics & Mechatronics Engineering, University of Dhaka, Dhaka, Bangladesh
 Intelligent robotics system for early childhood education
- 11.35-12.40 : **SCIENTIFIC SESSION II (PARALLEL) - HALL B**
Implementation Process
- Chairs : **Prof Dr ZN Tahmida Begum (BAS)**
Prof Dr MA Hasnat (BAS)
- 11.35-12.00 : **Keynote Lecture**
KL 02: Prof Dr Mark Tester
Department of Plant Genetics, King Abdullah University of Science and Technology; Co-Founder, RedSea LLC, Saudi Arabia
 Plant science delivered for sustainable food security

- 12.00-12.20 : **IL 03. Prof Dr Mirza Hasanuzzaman**
Department of Agronomy, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
 Enhancing plant salt tolerance through the application of Biostimulants: A sustainable approach for modern agriculture
- 12.20-12.40 : **IL 04. Prof Dr Zeba Islam Seraj**
Department of Biochemistry & Molecular Biology, University of Dhaka, Dhaka, Bangladesh
 Genome editing to knock-down genes known to suppress grain yield in the seawater-compatible wild halophytic rice, *Oryza coarctata*
- 11.35-12.40 : **SCIENTIFIC SESSION III (PARALLEL) - HALL C**
Social Impact
- Chairs : **Prof Dr Chowdhury Rafiqul Ahsan (BAS)**
 : **Prof Dr Jiban Podder (BAS)**
- 11.35-12.00 : **Keynote Lecture**
KL 03: Prof Dr Mirjana Radović-Marković (OL)
University Business Academy, Serbia; Foreign Fellow, BAS
 Digital transformation and creative destruction: Opportunities and challenges
- 12.00-12.20 : **IL 05. Prof Dr Avinash Dadhich**
Dhirubhai Ambani School of Law, Dhirubhai Ambani University, Gandhinagar, Gujrat, India
 Balancing innovation and regulation: Creating a legal framework for 4IR in the Global South
- 12.20-12.40 : **IL 06. Dr Sheikh Mohammad Fazle Akbar**
Ehime University, Ehime University Graduate School of Medicine, Japan
 The theological and socioeconomic factors related to drug discovery in Bangladesh for attaining the goal of ‘elimination of hepatitis by 2030’
- 12.40-13.15 : **Plenary Lecture**
 Chair : **Prof Park Seung-Woo**
National Academy of Sciences, Republic of Korea
- Speaker : **PL 02. Emeritus Prof Dr AK Azad Chowdhury**
Bangladesh Academy of Sciences and Science Council of Asia
 4IR, Science, Technology and Human Society
- 13.15-14.00 : **Prayer, Lunch & Poster**
- 14.00-15.10 : **Symposium on**
INNOVATIONS IN DRUG DEVELOPMENT
 Co-Organizer : **Department of Pharmaceutical Chemistry, University of Dhaka, Dhaka, Bangladesh**
 Sponsored by : **University Grants Commission of Bangladesh**
- Chairs : **Prof Dr Md Selim Reza**
Dean, Faculty of Pharmacy, University of Dhaka, Bangladesh
Prof Dr Shaila Kabir
Chairman, Department of- Pharmaceutical Chemistry. University of Dhaka, Bangladesh

- Speakers** : SL 01. **Dr Mohammad Shameem**
Drug Products Development & Delivery Tech, Regeneron Pharma, New York, USA
 Biologics for the treatment of retinal diseases
- SL 02. **Dr Kakon Nag**
The 100 World Inc, Canada & Globe Biotech Ltd, Dhaka, Bangladesh
 Possibilities and capabilities of Bangladesh in Global Biotech Arena: A real-life snapshot in relation to '4IR'
- SL 03. **Prof Dr Mohammad A Rashid**
Department of Pharmaceutical Chemistry, University of Dhaka, Bangladesh
 Natural Products in managing Antimicrobial Resistance (AMR)
- 15.10-16.15 : **SCIENTIFIC SESSION IV (PARALLEL) - HALL A**
Technology
- Chairs** : **Prof Dr M Idris Ali (BAS)**
 : **Prof Dr Emdadul Haque Chowdhury (BAS)**
- 15.10-15.35 : **Keynote Lecture**
 KL 04: **Prof Dr NAKANO Kohei**
The United Graduate School of Agricultural Science, Gifu University, Japan
 The metabolomics approach to identify freshness marker metabolites of fruits and vegetables
- 15.35-15.55 : IL 07. **Prof Dr Md Tofazzal Islam**
Institute of Biotechnology and Genetic Engineering (IBGE), Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh
 Fighting wheat Blast: Genomic innovations and nanobiotechnology as solutions for global food security challenges
- 15.55-16.15 : IL 08. **Dr Munirul Alam**
Molecular Ecology and Metagenomic Laboratory, International Centre for Diarrhoeal Disease Research, Bangladesh (icddr;b), Dhaka, Bangladesh
 The AMR trajectory and how deadly infectious agents turned irresistible in Bangladesh: way forward
- 15.10-16.15 : **SCIENTIFIC SESSION V (PARALLEL) - HALL B**
Implementation Process
- Chairs** : **Prof Dr Choudhury Mahmood Hasan (BAS)**
 : **Dr Hasan Mahmud Reza (BAS)**
- 15.10-15.35 : **Keynote Lecture**
 KL 05. **Prof Dr M Iqbal Choudhary**
International Centre for Chemical and Biological Sciences, University of Karachi, Pakistan
 Industrial and social initiatives playing important roles in implementing the technologies relevant to 4IR in Pakistan

- 15.35-15.55 : IL 09. **Prof Dr IKEDA Kazushi**
Graduate School of Science and Technology, Ikoma, Japan
 Mathematical models of bowel sounds for defecation prediction systems (OL)
- 15.55-16.15 : IL 10. **Prof Dr Md Atiar Rahman**
Department of Biochemistry & Molecular Biology, University of Chittagong, Chittagong, Bangladesh
 A paradigm-shift of therapeutic development for noncommunicable diseases: an inevitability to synthesize green nanoparticles from plant products
- 15.10-16.15 : **SCIENTIFIC SESSION VI (PARALLEL) - HALL C**
Social Impact
- Chairs : **Prof Dr Md Saidur Rahman (BAS)**
 : **Prof Dr Sharmin Sultana (BAS)**
- 15.10-15.35 : KL 06. **Dr Sameer M Dixit**
ICentre for Molecular Dynamics Nepal (CMDN), Kathmandu, Nepal
 Impact of 4IR in Nepal
- 15.35-15.55 : IL 11. **Prof Dr Mustak Ahmed**
Department of Mass Communication and Journalism, University of Rajshahi
 Social media marketing is dead, start AI marketing instead: Risks and possibilities
- 15.55-16.15 : IL 12. **Prof Tan Wee Hoe (OL)**
International Network for Governmental Science Advice (INGSA-Asia), International Science Council
 Interactive gaming as a tool for incentivising behavioural change and collaboration for good
- 16.15-16.30 : **Light Refreshment and Poster**
- 16.30-18.30 : **FUTURE EARTH SYMPOSIUM**
Jointly organized with Future Earth
UNLOCKING THE SCOPE OF A META NETWORK SYSTEM IN ADVANCING SDGs IN ASIA
- Chairs : **Prof Dr Anik Bhaduri (Future Earth)**
Prof Dr Zahurul Karim (BAS)
- 16.30-16.50 : SL04. **Prof Dr Anik Bhaduri**
Co-chair Future Earth Asia; Director, Sustainable Water Future Programme (Water Future), Future Earth; and Griffith University and Australian National University, Australia
 Opening of the Session: A glimpse of Future Earth and its work with specific on Asia
- 16.50-17.10 : SL 05. **Prof Dr NADAOKA Kazuo (OL)**
Co-chair Future Earth Asia; Emeritus Professor- Tokyo Institute of Technology; and Sustainability Initiative in the Marginal Seas of South and East Asia (SIMSEA), Japan
 Future Earth Meta Hub Science Mission for Asia

- 17.10-17.30 : **SL 06. Prof Dr Lourdes J Cruz**
Chair-Future Earth Philippines; National Scientist, Professor Emeritus University of the Philippines Diliman
Science Mission: Case Study Philippines - Knowledge Action programs for Sustainability
- 17.30-17.50 : **SL 07. Prof Dr Siwatt Pongpiachan (OL)**
Chair, Future Earth Thailand and Professor of Environmental Science, National Institute of Development Administration (NIDA), Bangkok
Navigating challenges and seizing opportunities: Climate change and disaster management in Thailand under the Future Earth Consortium
- 17.50-18.10 : **SL 08. Dr Raj Kishore Singh (OL)**
Associate Director, Future Earth -South Asia, and Senior Researcher, Indian Institute of Science Bangalore
and
Dr Sruthi Subbanna (OL)
Science Policy Analyst, Future Earth -South Asia and Researcher, Indian Institute of Science Bangalore.
Science Mission: Case Study India - Climate change and food security
- 18.10-18.30 : **Discussion by all Panel Members**
- 18.30-19.30 : **SCA BOARD OF MANAGEMENT MEETING**
- 19.30-22.30 : **Reception**

01 December 2024 Sunday

09.00-10.25 SCIENTIFIC SESSION VII (PARALLEL) - HALL A
Technology

Chairs : **Prof Dr M Kaykobad (BAS)**
: **Prof Dr Abdullah Shams Bin Tariq (BAS)**

09.00-09.25 : **KL 07: Prof Dr M Feroze Ahmed**
Bangladesh Academy of Sciences, Dhaka, Bangladesh
Technological innovation drives accelerate development through the Industrial Revolution

09.25-09.45 : **IL 13. Prof Dr AKM Azharul Islam**
Bangladesh Academy of Sciences, Dhaka, Bangladesh
Physics-CSE-ICT based Innovations: Impact on Industrial Revolutions

09.45-10.05 : **IL 14. Dr Bijoy Krishna Debnath**
Department of Applied Sciences, School of Engineering, Tezpur University, Assam, India
Optimizing multi-stage production systems: The role of Green Technology investments in reducing carbon emissions and costs

10.05-10.25 : **IL 15. Prof Dr Mohammed Abdul Basith**
Department of Physics, Bangladesh University of Engineering & Technology, Dhaka, Bangladesh
Porous DyFeO 3 nanoparticles: High-Performance photocatalysis and symmetric supercapacitors for environmental and energy applications

09.00-10.25 SCIENTIFIC SESSION VIII (PARALLEL) - HALL B
Implementation Process

Chairs : **Prof Dr Yearul Kabir (BAS)**
: **Prof Dr Kamrun Nahar (BAS)**

09.00-09.25 : **Keynote Lecture**
KL 08. Professor Dr KISHIMA Yuji (OL)
Laboratory of Plant Breeding, Research Faculty of Agriculture, Hokkaido University, Japan
Toward the new hybrids beyond Asian and African rice species

9.25-09.45 : **IL 16. Prof Dr Mohammad Tofazzal Hossain Howlader**
Former Head, Insect Biotechnology and Biopesticide Laboratory, Department of Entomology, Bangladesh Agricultural University, Mymensingh, Bangladesh
Development of biopesticides for next generation sustainable pest management in Bangladesh

09.45-10.05 : **IL 17. Professor Dr Liu Jun**
Department of Plant Pathology, College of Plant Protection, China Agricultural University, Beijing, China
Single-cell and spatial transcriptomics reveals a stereoscopic response of rice leaf cells to Magnaporthe oryzae infection

- 10.05-10.25 : IL 18. **Dr Abed Chaudhury**
Krishan Foundation, Australia
Maintaining hybrid vigour in rice via Apomixis and Hybrid Perenniality: A decade long Journey
- 09.00-10.25 : **SCIENTIFIC SESSION IX (PARALLEL) - HALL C**
Social Impact
- Chairs* : **Prof Dr Haseena Khan (BAS)**
: **Dr Mubarak Ahmad Khan (BAS)**
- 09.00-09.25 : **Keynote Lecture**
KL 09. **Prof Shahjahan Khan**
University of Southern Queensland, Australia; Asian University of Bangladesh; BAS
Impact of internet and data revolution on reshaping research, science and society
- 09.25-09.45 : IL 19. **Dr SAKUMURA Yuichi (OL)**
Data Science Center, Nara Institute of Science and Technology, Ikoma, Japan
Data-driven approach to estimate enzyme inhibition patterns and its application to drug discovery
- 09.45-10.05 : IL 20. **Dr Md Shawkat Hossain**
Biotech Plant, Incepta Pharmaceutical Ltd
Breaking barriers: The rise of biosimilars API in Bangladesh
- 10.05-10.25 : IL 21. **Dr Pulasthi Gunawardhana**
Department of Information and Communication Technology, Faculty of Technology, University of Sri Jayewardenepura, Sri Lanka
Impact of 4IR technologies in the economic development of Sri Lanka and other Asian countries
- 10.25-11.00 : **Light Refreshment & Poster**
- 11.00-11.35 : **Plenary Lecture**
Maj Gen (Retd) Prof Dr ASM Matiur Rahman (BAS)
- Speaker* : **PL 03. Dr Tahmeed Ahmed**
Nutrition and Clinical Services Division, International Centre for Diarrhoeal Disease Research, Bangladesh; Dhaka, Bangladesh
Nutritional status in Bangladesh at the cross-road: how can science help?
- 11.35-13.00 : **SCIENTIFIC SESSION X (PARALLEL) - HALL A**
Technology
- Chairs* : **Prof Dr Md Anwar Hossain (BAS)**
: **Prof Dr Md Shahadat Hossain (BAS)**

11.35-12.00 : **Keynote Lecture**

KL 10. Dr Jonas Karlström

Innovation Science for Global Health. Core Lead Innovation Science, Global Programmes and Research, SingHealth Duke-NUS Global Health Institute, Singapore

Increasing access to useful and appropriate health technologies and innovation in the Asia-Pacific region for LMICs

12.00-12.20 : **IL 22. Prof Dr M Khaled Hossain**

Department of Biochemistry and Molecular Biology, Rajshahi University, Bangladesh

Arsenic exposure and obesity: A novel insight into their association

12.20-12.40 : **IL 23. Prof Dr OHIRO Yoichi (OL)**

Oral and Maxillofacial Surgery, Hokkaido University, Japan

Applications of modern technologies in oral and maxillofacial surgery

12.40-13.00 : **IL 24. Dr Mohammad A Hasnat**

Department of Chemistry, School of Physical Sciences, Shahjalal University of Science and Technology, Sylhet, Bangladesh

Thin film electrodes for driving irreversible reactions

11.35-13.00 **SCIENTIFIC SESSION XI (PARALLEL) - HALL B**

Implementation Process

Chairs : **Prof Dr Shariff Enamul Kabir (BAS)**

Prof Dr Muhammad Almujaaddade Alfasane (BAS)

11.35-12.00 : **KL 11. Prof Dr MORIYAMA Michiko**

Chronic Care & Family Nursing Unit, Department of Nursing Science, Graduate School of Biomedical & Health Sciences, Hiroshima University, Japan

Nursing innovation in healthcare system

12.00-12.20 : **IL 25. Prof Dr Kazi Matin Uddin Ahmed**

Bangladesh Academy of Sciences, Dhaka, Bangladesh

Implementation of the 4M-Model in Cox's Bazar for sustainable groundwater management in tourism and domestic sectors

12.20-12.40 : **IL 26. Prof Dr Shaikh Jamal Uddin**

Pharmacy Discipline, Khulna University, Bangladesh

Biopolymers from fish waste: A Green Recycle approach

12.40-13.00 : **IL 27. Dr Wensheng Zhao**

China Agricultural University, Beijing, China

The atypical Dof transcriptional factor OsDes1 contributes to stay-green, grain yield, and disease resistance in rice

11.35-13.00 **SCIENTIFIC SESSION XII (PARALLEL) - HALL C**

Social Impact

Chairs : **Prof Dr Md Anwarul Azim Akhand (MVSTU)**

Prof Dr Abdul Halim (BD)

- 11.35-12.00 : KL 12. **Prof Dr M Shamsheer Ali**
Fellow, Bangladesh Academy of Sciences, Dhaka, Bangladesh
 The social impact of 4IR: Artificial Intelligence and beyond
- 12.00-12.20 : IL 28. **Prof Dr Md Shajahan Kabir**
Department of Rural Sociology, Bangladesh Agricultural University, Mymensingh, Bangladesh
 Adoption of Modern Technology in Small Scale Livestock Farming and its Impact on Livelihood and Food Security; The Case of Charland and Haor Area in Bangladesh
- 12.20-12.40 : IL 29. **Prof M Manjurul Karim**
Department of Microbiology, University of Dhaka
 Breaking antimicrobial resistance by disrupting biofilm formation in drug-resistant bacteria
- 12.40-13.00 : IL 30. **Dr Trishna M Thakuria**
Department of Sociology, and Centre for Gender Studies, University of Science & Technology Meghalaya, India
 Industrial Revolution 4 and Women's Education: Opportunities and threat
- 13.00-14.00 **Prayer, Lunch and Poster**
- 14.00-15.30 **SYMPOSIUM ON FOOD SECURITY - HALL A**
- Chairs* : **Prof Dr Zahurul Karim**
 : **Dr Khan Shahidul Huque (BAS)**
- Speakers* : SL09. **Prof Dr OHKURA Michiko (OL)**
Institute Professor, Chuo University, Tokyo, Japan
 Case studies on the identification of factors of importance for food security
- SL 10. **Prof Dr M Jahiruddin**
Department of Soil Science, Bangladesh Agricultural University, Mymensingh, Bangladesh
 Biofortification of rice and wheat with zinc and iron
- SL 11. **Prof Dr Mohammad Jahangir Alam**
Department of Agribusiness and Marketing, Bangladesh Agriculture University Mymensingh, Bangladesh
 Rural transformation, poverty reduction, and nutrition for sustainable development in Bangladesh
- 15.30-16.30 : **YOUNG RESEARCHERS' SESSION**
Expectation from 4th IR from the perspective of Young Researchers
- Chair* : **Prof Dr M Shamsheer Ali (BAS)**
- Introduction* : SL 12. **Dr MONDEN Yuki**
Associate Professor, Graduate School of Environmental and Life Science Okayama University, Japan
 Expectation from 4th IR from the perspective of Young Researchers: Introduction
- Open Discussion**

16.30-18.00 : **PANEL DISCUSSION:**
ROLE OF THE SCIENTISTS TO MEET THE GLOBAL CHALLENGES
THROUGH 4th INDUSTRIAL REVOLUTION

Chair &

Moderator : **Prof Dr SHIBUSAWA Sakae**
Science Council of Asia

Introduction : Academician Distinguished **Prof Datuk Dr Looi Lai Meng (OL)**
Academy of Sciences Malaysia

Panelists : **Prof Dr Muhammad Aslam Baig, President**
Science Council of Asia

Emeritus Prof Dr AK Azad Chowdhury
Vice-President, Science Council of Asia

Prof Dr MITSUISHI Mamoru (OL)
President, Science Council of Japan

Dr Aimee Lynn A Barrion-Dup (OL)
National Research Council of Asia the Philippines (NRCP), Philippines

Prof Park Seung-Woo
National Academy of Sciences, Republic of Korea

Prof Dr Chowdhury Mahmood Hasan
Bangladesh Academy of Sciences

02 December 2024 Monday

09.00-10.00 : **ISC SYMPOSIUM ON INTERNATIONAL SCIENCE COUNCIL - DEVELOPMENTS AND OPPORTUNITIES (Auditorium)**

A presentation on the International Science Council (ISC) giving an overview of the council's mission, governance and its membership will be delivered. The roles and responsibilities of the Regional Focal Point for the Asia and the Pacific will be highlighted, and its current program of work will be discussed. Future initiatives and opportunities of both the ISC and the ISC-RFP-AP will be shared for advocacy and socialization to garner support and participation from the members. The presentation will be followed by a panel discussion. A diverse team would compose the panel representing Future Earth, INGSA-Asia, ISC and the ISC-RFP-AP. The collaborative work of ISC with these organizations and potential future opportunities will be highlighted during the discussion

Introduction by : **Dr Kunzang Choden**

Asia Program Manager at the ISC Regional Focal Point for the Asia and the Pacific Panelists

Panelists: : **Dr Petra Lundgren (ISC); Dr Vanessa McBride (ISC); Dr Anik Bhaduri (Future Earth); Prof Dr Tan Wee Hoe (INGSA); Aishwuriya Kunashankar (INGSA)**

10.00-11.00 : **DISCUSSION WITH STAKEHOLDERS (Auditorium)**

Chair : **Emeritus Scientist Dr Firdausi Qadri (BAS)**

11.00-11.30 : **TWAS-BAS Young Scientist Gold Medal Distribution Ceremony**11.30-12.30 : **CONCLUDING SESSION**

Chair : **Emeritus Prof Dr AK Azad Chowdhury**

President, Bangladesh Academy of Sciences and Chair, Organizing Committee

Brief Open Discussion moderated by **Prof Dr Liaquat Ali**, *Organizing Secretary*

Remarks by **Prof Dr Zahurul Karim**, *Vice-President, BAS and Chair, Program Committee, 23rd SCAC*

Conference Declaration by **Prof Dr SHIBUSAWA Sakae**, *Science Council of Asia*

Remarks by **Prof Dr Haseena Khan**, *Secretary, Bangladesh Academy of Sciences*

Remarks by **Prof Dr Muhammad Aslam Baig**, *President, Science Council of Asia*

Address by the Chief Guest, **Prof Saleh Hasan Naqib**, *Vice-Chancellor, University of Rajshahi, Rajshahi, Bangladesh*

Address by the Chair, Emeritus **Prof Dr AK Azad Chowdhury**, *President, Bangladesh Academy of Sciences and Chair, Organizing Committee*

Vote of Thanks by **Prof Dr Yearul Kabir**, *Co-organizing Secretary, 23rd SCAC*

12.30-14.00 : **Lunch & Prayer**