Innovation Systems for Sustainability
Virtual Conference – January 25, 2022

Dr. Sanjai Parahoo

Conference Chair, Associate Professor, HBMSU, UAE

Industrial development has adversely affected the state of the environment, leading to a negative impact on the quality of human life. In an era of increased environmental awareness, society now expects business institutions to reverse the trend by minimizing the impact of their operations on the environment, and to contribute to improving its physical state. One approach to this end is through innovation systems geared towards sustainable development. These emanate from setting up an institutional ecosystem conducive to the launch of new products, processes, and services that are designed for both efficiency and effectiveness. Furthermore, institutions are contributing to enhance our physical environment by implementing strategies geared to "doing well by doing good."

This one-day virtual conference part of Innovation Arabia invites conceptual or empirical research presentations, and case studies, thereby enabling interaction and debate between academics, practitioners, and other stakeholders to critically analyse the policies and strategies related to the developments of innovation systems for sustainability.

It features a judicious mix of events, including keynote speech, panel discussions, strong mix of invited and contributed research presentations, and technical demonstrations.

Innovation Systems for Sustainability

Virtual Conference – January 25, 2022

Topics

- Adoption of environmental quality standards, lean production, and environmental performance
- Sustainable supply chains
- Consumer adoption of green products and the marketing of sustainable business initiatives
- Regulatory mechanisms, such as voluntary programs that act as information diffusion programs
- Antecedents of environmentally beneficial activities
- Social Entrepreneurship
- Healthcare Innovations for addressing Covid-19
- Innovations in Teaching and Learning in online environments

Agenda

10:00– 10:15

PUBLIC SESSION

Welcome Note: **Dr. Fahad Al Saadi,** Vice Chancellor for Learners Development, Head of IA15 Conference Hamdan Bin Mohammed Smart University, UAE

Note from the Chair of the Scientific Committee: **Prof. Ahmed Ankit,** Chair of the Scientific Committee, Hamdan Bin Mohammed Smart University, UAE

Opening Address: **Dr. Sanjai Parahoo,** Associate Professor, Hamdan Bin Mohammed Smart University, UAE

10:15 – 10:50

MAIN SESSION

Keynote Speaker

Moderator: **Prof. Ahmed Ankit,** Dean of Research and doctoral Studies, Hamdan Bin Mohammed Smart University, UAE

Topic: Innovation for a Greener Transportation Infrastructure

Speakers: **Mr. Mousa Mohamed Al Raeisy,** Director - Technology Strategy & Governance department, RTA, UAE

10:50-11:00 | **Networking Break**

11:00 – 11:45

MAIN SESSION

Key Note Speech

Moderator: **Prof. Nabil Baydoun,** Vice chancellor for Academic Affairs, Hamdan Bin Mohammed Smart University, UAE

Topic : The importance of proper Waste Management and the circular economy to create sustainable communities for all.

Speaker: **Ms Joelle Saab, Dulsco,** Official Waste Management partner of Expo 2020, Dubai, UAE

11:45– 12:00 | **Networking Break**

12:00 – 13:00

MAIN SESSION

Panel Discussion

Moderator: **Dr. Sanjai Parahoo,** Faculty Member and Conference Chair, Hamdan Bin Mohammed Smart University, UAE

Topic: Developing an effective and efficient Innovation ecosystem geared towards sustainability

Panelists: **Olav Scholte;** Strategic Alliances, Public & Government Affairs and Agriculture; Signify Middle East

Dr. Ashraf Mahate, Chief Economist – Dubai Exports, Dubai Department of Economic Development, Government of Dubai

Darshan Dagli; Director Software Solutions, META; Honeywell International ME

12:15 to 3:15

PUBLIC SESSION

USTART

Organizer: **Mr. Saad Abbas,** Smart Training Manager, Hamdan Bin Mohammed Smart University

Dr. Shaima Al Harmoodi, Faculty Member, Hamdan Bin Mohammed Smart University

Speaker: **Mr. Muhammad Farrukh Irfan Khan,** Of Counsel, United Trademark and Patent Services **n**

Jury: **Mr. Muhammad Farrukh Irfan Khan,** Of Counsel, United Trademark and Patent Services

Ms. Sabine Holl, Vice President Technical Sales and CTO MEA Technology Sales, IBM Middle East and Africa

Mr. Farhan Faraidooni, Group CEO, SIDRA

Benita Rowe, Digital Development And Technology Specialist, UNICEF

Mr. Mohammed AlShael, CEO of the Corporate Strategic Affairs Sector, Department of Economic Development DED

Team 1: Fraggle | Team 2: Robosafe | Team 3: Lumi | Team 4: ICAS | Team 5: Marine Hook | Team 6: Utilization

Team 7: Spoken Hands | Team 8: Crush on You | Team 9: Ethos Earth | Team 10: Plunk Restaurant

Team 11: Smart and Sustainable PV Window | Team 12: The sustainable builders

3:15 – 3:30

USTART Closing

Closing Note: **Mr. Saad Abbas**, Smart Training Manager, Hamdan Bin Mohammed Smart University

13:00 – 14:00

MAIN SESSION

Parallel Session 1

Moderator: **Dr. Ahmed Al Nakeeb** Program Chair – School of Business and Quality Management

Topic: Re-Building or Re-Branding sustainability in Services: a 5P agenda

Speaker: **Marianna Sigala**

Agenda

Topic: Insights from Open and Cross-Industry Innovation teams - from diversity to coherent heterogeneity

Speaker: **Vlad Lichtenthal**

Topic: Determinants of firms to join an international R&D consortium and its effects on firm R&D output (Nuclear Fusion industry, green energy)

Speaker: **Regien Sumo**

Topic: Which Cultures are Easier for Expatriates to Adjust? Host Country Cultural Influence on Expatriates' Adjustment Difficulty

Speaker: **Seydahmet Ercan**

Topic: Sustainability through HR Legislations and Policies – Success story from UAE

Speaker: **Pushkala Muralidharan**

Topic: Analyzing the UAE and GCC Job Market reliability for a Transition from an Oil/Gas based Energy Economy towards a Sustainable Energy Economy

Speaker: **Abdulla Al Shimmari**

Parallel Session 2

Moderator: **Dr. Bostjan Gomiscek** Faculty Member, School of Business and Quality Management

Topic: SaifAir – Net Zero

Speaker: **Samiullah Khan**

Topic: Regeneration From Chiller: A New Approach Of Green Building

Speaker: **Sushil Kannan**

Topic: A story of widening education access for farmers: practices of the Open University of China

Speaker: **Songyan Hou**

Topic: Smart Steering (Smart Vehicle Cabinet)

Speaker: **Maitha Ahmad**

Topic: Cultivating creative thinkers, innovators and masters of core content through big ideas of sustainability.

Speaker: **Sheela George**

Topic: Innovation Frameworks in Creating Stakeholder Value: Industry 4.0 Solutions For Achieving Sustainability Goals in Hospitality

Speaker: **Sanjay Nadkarni**

14:00 – 14:15	**Networking Break**

13:00 – 14:00	**MAIN SESSION**

Parallel Session 3

Moderator: **Dr. Ahmed Al Nakeeb**

Moderator: **Prof. Ebrahim Soltani** Faculty Member, Hamdan Bin Mohammed Smart University

Topic: Determining the cause factors for effective Learning experiences in Blended learning: An Empirical investigation

Speaker: **Ahmed Al-Nakeeb /Vandana Savara**

Topic: Identifying problems worth solving - The Female Inventors of the Future Initiative - an action research approach

Speaker: **Vlad Lichtenthal**

Topic: The Trend and Practices of Sustainability Development Goals

Speaker: **Abeer Abdelrahman**

Topic: The Power Of Big Data Mining To Improve The Health Care System In The United Arab Emirates

Speaker: **Khawla Alhajaj**

Topic: Use of Smart tracking system in detecting movement of affected patients during the pandemic.

Speaker: **Aamna Yousef**

Topic: Quality of Digital Services in Healthcare Sector

Speaker: **Mohammed Al Marzooqi**

Agenda

PUBLIC SESSION

Youth Talk

Topic: Challenges and Opportunities for Young entrepreneurs in post Covid-19 era

Speakers: **Mohamed Al Hammadi,** Certified Human Development and Creativity trainer, The Ideology Training institute

Hadeel Almuraqab, Freelancer photographer and social media marketing, UAE

Ali Al Shamsi, Ministry of Interior, UAE

Laila Alshaer, Hanover Medical Services, Owner and Founder, UAE

Reem Al Suwaidi, Owner of United Football Academy, UAE

15:15 – 15:30 | **CLOSING SESSION**

Closing Note: **Dr. Sanjai Parahoo,** Associate Professor, Hamdan Bin Mohammed Smart University, UAE

Synthesis of Innovation Arabia 15: **Prof. Ahmed Ankit,** Chair of the Scientific Program, Hamdan Bin Mohammed Smart University, UAE

13:00 – 14:00 | **MAIN SESSION**

Parallel Session 4

Moderator: **Dr. Moetaz El Sergany** Program Chair, School of Health and Environmental Studies

Topic: Global E Waste Management

Speaker: **Hanan AL Dhanhani / Salima Alsharji**

Topic: Impacts of Plastic Waste on the Livestock Case study: Sharjah's Central Region

Speaker: **Athra Alkaabi**

Topic: Trends in different solid waste in Emirate of Abu Dhabi by using real waste statistical data for the past five years (2016-2020)

Speaker: **Saeed Ahmed AlKhoori**

Topic: Indoor plants as a sustainable source of air purification; a contemporary and future perspective

Speaker: **Fares Alahbabi**

Topic: The Sustainability of Medical Waste Management in the UAE

Speaker: **Muna Al Ali**

Topic: Construction and Demolition Waste Management

Speaker: **Shaikha Alsamahi**

Topic: The Impact of Technological Innovations on Healthcare Quality

Speaker: **Muna Alhalaki**

Topic: Hand Hygeine as a Quality Indicator for Patient Safety

Speaker: **Sabah Hussein**

Topic: An environmental economic approach for better understanding of water scarcity dilemma in UAE

Speaker: **Khulood Alkokhardi**

MAIN SESSION

Parallel Session 5

Moderator: **Dr. Shamim Siddique** Program Chair, School of Business and Quality Management

Topic: The effect of applying the learning styles on the academic achievement among the high school students in UAE

Speaker: **Aisha Alayammahi**

Topic: Innovations In Teaching And Learning In Online Environments

Speaker: **Ali Mohammad**

Topic: The Impact of Implementation the Remote Work in Federal Government

Speaker: **Hamda Salem Masood Masood**

Topic: Customer Excellence and Customers Experience Innovations

Speaker: **Muna Alharbi**

Topic: Upskilling And Reskilling The Workforce In Private And Government Sectors

Speaker: **Hamda Almarzooqi**

Topic: Testing CEAL tool in the UAE: A case study of Etihad Airways

Speaker: **Mayid Alshaer**

Topic: Towards sustainable indoor quality: A risk assessment approach for the use of indoor home scents.

Speaker: **Jawaher Al Rasheed**

Topic: The Reasons Behind The Low Adoption And Usability Of Dubainow Services By Registered Users

Speaker: **Hend AlNuaimi**

Topic: استدامة تطوير الموهوبين بالواقع االفتراضي و الواقع المعزز

Speaker: **Shaikha AlNuaimi**

MAIN SESSION

Parallel Session 6

Moderator: **Dr. Shamim Siddique** Program Chair, School of Business and Quality Management

Topic: TQM and Open Innovation: Resolving the Quality-Innovation Paradox Through Leveraging Ambidexterity and Open Innovation Climate

Speaker: **Farhat Sultana**

Topic: Role of Innovation in Enhancing Governmental Services to the Public in the UAE

Speaker: **Mohamed Ahmed**

Topic: The Effectiveness and Efficiency of Real-World Corporate Innovation Initiatives in a Local Transport Entity

Speaker: **Latifa Alnuaimi**

Topic: The effectiveness and efficiency of real-world Corporate Innovation in ABC company

Speaker: **Ohoud AlAnsaari**

Topic: The Analysis of TQM Culture at Emirates NBD

Speaker: **Reem Albanna**

Topic: Innovation and it's relevance toward increasing diversification

Speaker: **Noura**

Topic: Innovation-Triggered Change and the Critical Role of Leadership

Speaker: **Turki Al Ali**

Topic: Corporate Entrepreneurship Assessment Instrument (CEAI)- Case Study Of Dubai Police

Speaker: **Maryam Alsuwaidi**

Topic: The Antecedents And Consequences Of Sustainable Change In Uae's Ministry Of Energy And Infrastructure

Speaker: **Maryam Alarri**

Topic: Free & Regulated Trade Impacts on Sustainability

Speaker: **Zainab Rashed**

Topic: Sustainable Ways To Improve Sdlc Of Company

Speaker: **Ghanim Alkaabi**

17:00 – 18:00   **MAIN SESSION**

Parallel Session 7

Moderator: **Prof. Awoniyi Awofeso** Program Chair, School of Health and Environmental Studies

Topic: Management Change in Post-COVID 19: A Case Study of the Healthcare Sector in the UAE

Speaker: **Abdulla Alali**

Topic: Effectiveness of Telemedicine Technology from patient perspective in Dubai during Covid-1

Speaker: **Mariam Alraeesi / Reem AlBlooshi**

Topic: Patients Satisfaction with Telemedicine During the Current Pandemic A Pilot Study

Speaker: **Maryam Hassan**

Topic: Strategic Management of Technological Innovation in the Case of Ministry of Health and Prevention in UAE

Speaker: **Hamda Kazim**

Topic: Enhancing Health Supply Chain Sustainability During the COVID-19 Pandemic in the UAE Health System

Speaker: **Dina Al Nuaimi**

Topic: Assessment of domestic water use in a selected sample of Emirati households in Dubai, United Arab Emirates

Speaker: **Noof Alhabab**

Topic: Specimen errors and usage of EPPID

Speaker: **Amna Mohamed Yassin**

MAIN SESSION

Parallel Session 8

Moderator: **Dr. Ying-Ying Liao** Faculty Member, School of Business and Quality Management

Topic: Impact of Change Management on the Organizational Performance in the Era of COVID-19

Speaker: **Nasim Najib**

Topic: Examining Innovation in Roads and Transport Authority: A Mixed Method Study

Speaker: **Afra Almezaina**

Topic: What is coming next? A case study across the innovation and change journey of Digital Dubai Authority

Speaker: **Latifa Alnuaimi**

Topic: Strategic Management of Technological to services Innovation in the Emirates Group

Speaker: **Khadija Alhammadi**

Topic: Global Impact of CoronaVirus-19 to the Businesses and Job Market in the UAE

Speaker: **Maitha Al Riyami**

Topic: Shifting From Unsustainable To Sustainable Fisheries In Uae

Speaker: **Sara Alabdalla**

Topic: The Impact of Emiratization Policy Track on Human Resource Management Practices: Qualitative Evidence from the Banking Sector

Speaker: **Noora Alzaabi**

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INNOVATION ARABIA SUMMIT

24th February 2022

U[Start] Competition is a nationwide competition for university and school students' innovative ideas and **startups.**

The competition encourages student entrepreneurs with either an innovative or a business startupidea/prototype to present it to a panel of judges.

It is a great opportunity for students to measure their skills against those of their peers, socialize, obtain valuable experience, win prizes, and get exposed to the market and to potential investors and businessowners.