



You are cordially invited to the below panel discussion:

HOW ARTIFICIAL INTELLIGENCE IMPACTS TODAY'S SOCIETY



UNDERSTANDING A.I.'s IMPACT: Leverage its Benefits and Address Risks toward Shaping a Safeguarded and Inspiring Future!

Organized & Presented by: THE LIGHT MILLENNIUM GLOBAL ~ Associated with the United Nations Department of Global Communications



Mr. PAUL MIKOV, CEO
BONS-AI.Org



Prof. VICTOR B. LAWRENCE
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Prof. ROBERT HARARI
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Prof. ALI AKANSU
NJIT.Edu



Prof. S. GEETHA
Dr. M.G.R. ERI



Prof. S. RADHA RAMMOHAN
Head- CODE, Hindustan IT&S



Mr. PIYUSH MALIK
Founder, The Digital Agenda



Mr. CHIP CARTER
[Former] CIO/CTO for Global ORGs

SPEAKERS: Opening Remarks, Keynote, Panelists & Youth



Ms. KATHERINE GRACE, PhD
Biomedical & Comms. Engineer



Mr. JUSTIN TRUGMAN
Cofounder, BetterFutureLabs



Mr. BRYAN KYRITZ
Cofounder & CTO, Jori Health



Mr. P.S. KRISHNA
Head-IGEN CYCLE4GREEN



Ms. VRUSHALI GALKWAD
Software Engineer



Moderator
Ms. BİRCAN ÜNVER
LMGlobal.Org



WHEN:

On Saturday,
September 7, 2024

TIME: 11:00 a.m.

6:00 p.m. TR | 8:30 p.m. IND

OPEN THE PUBLIC
JOIN THE DISCUSSION

In Collaboration With : The Institution of Green Engineers #theigen | #imglobalorg | #lightmillennium | #UNWithCivilSociety

IGEN – ENVIRONTHON - 2024 - Pre-Conference-01

Title: 9 FACTS FOR CONTROLLING CO2 TO ENABLE GREEN EARTH TRANSFORMATION

Subtitle: **Strategies and Insights for a Sustainable Future**

Prof. Dr. S. RADHA RAMMOHAN

PROFESSOR AND PROGRAM HEAD

HINDUSTAN UNIVERSITY, CHENNAI, INDIA

Introduction

- Introduction to AI and its potential to contribute to achieving the SDGs
- * "AI-enabled research can significantly accelerate progress towards the SDGs by providing new insights, improving decision-making, and optimizing resource allocation."

1 : AI ENABLED RESEARCH METHODS

Machine learning and deep learning

Natural language processing and text analysis

Computer vision and image analysis

Predictive analytics and simulation modeling

2 ■ Examples of AI-enabled research

- **+ Climate modeling and weather forecasting**
- **+ Disease diagnosis and treatment**
- **+ Energy efficiency and renewable energy**
- **+ Water quality monitoring and management**

3 : AI ENABLED RESEARCH APPLICATIONS

- **+ Climate change mitigation and adaptation**
- **+ Sustainable agriculture and food security**
- **+ Healthcare and disease prevention**
- **+ Education and skills development**
- **+ Energy efficiency and renewable energy**

4 : Examples of AI Enabled Research on SDG'S

- **+ Predictive maintenance for renewable energy infrastructure**
- **+ Precision agriculture for sustainable crop production**
- **+ Personalized medicine for disease prevention and treatment**

5 : CASE STUDIES

- + Predictive maintenance for renewable energy infrastructure
- + Precision agriculture for sustainable crop production
- + Personalized medicine for disease prevention and treatment

6 : Positive Impacts

- + Climate modeling and weather forecasting using machine learning algorithms
- + Predictive analytics for energy efficiency in buildings
- + Natural language processing for disease diagnosis and treatment
- + Computer vision for water quality monitoring

7 : Challenges and Limitations of AI

- + Data quality and availability
- + Algorithm bias and fairness
- + Interpretability and explainability
- + Ethical considerations and regulatory frameworks

8 : Strategies for addressing these Challenges.

- **+ Data preprocessing and cleaning**
- **+ Algorithm testing and validation**
- **+ Transparency and explainability reporting**
- **+ Ethical considerations in data collection and use**

9 : Future Directions

- + Integration of multiple AI technologies for more complex problems
- + Development of new AI algorithms and techniques for SDG-related innovations
- + Increased use of AI in policy development and decision-making
- + Improved collaboration between researchers, policymakers, and industry stakeholders

10. CONCLUSION :

- **Call to action for researchers, policymakers, and industry stakeholders to collaborate on developing AI-enabled research solutions for sustainable development.**

QUESTIONS ????????