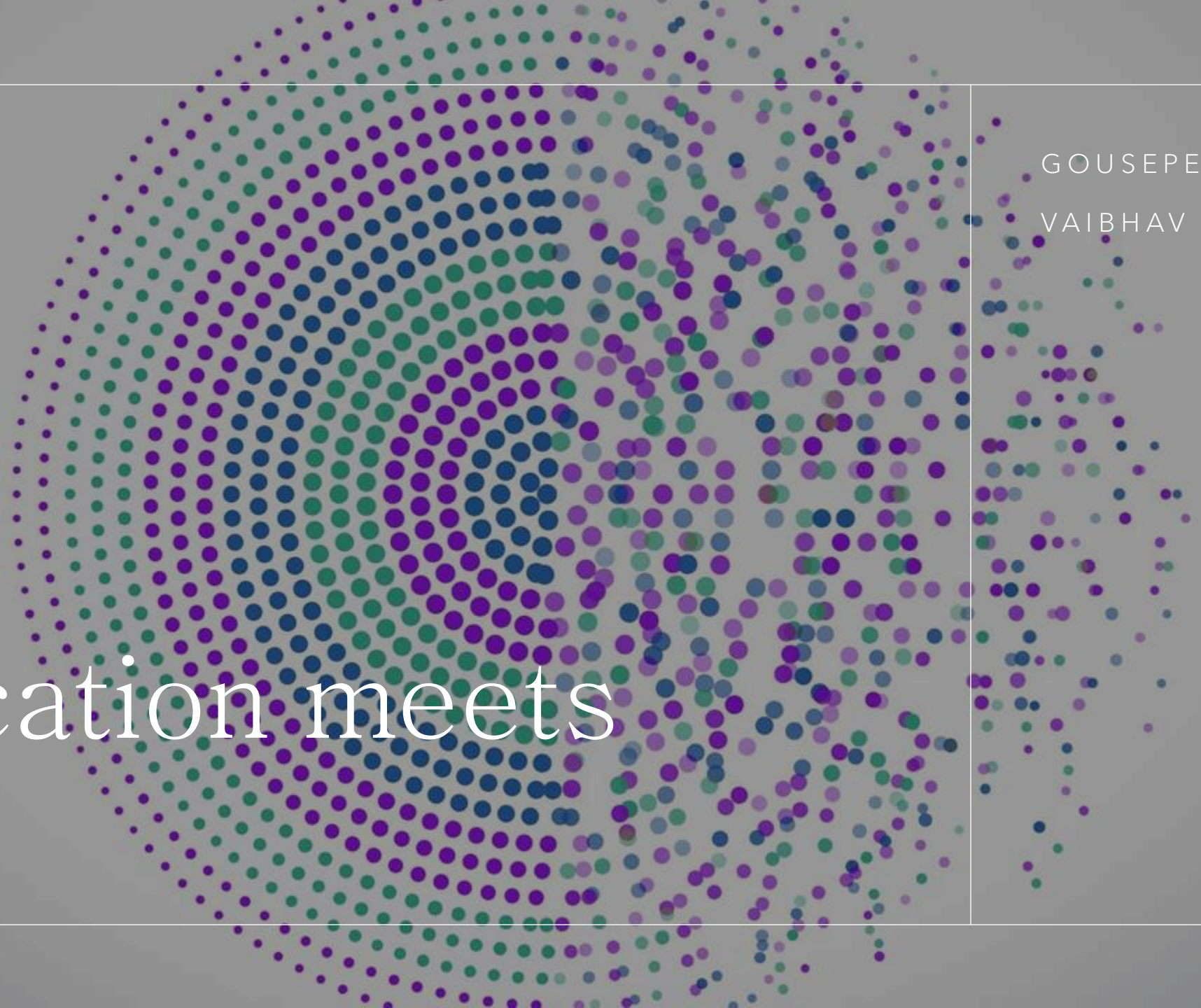

Education meets AI

GOUSEPEER VAIBHAV

Introduction

- Overview of the opportunities and risks presented by AI in education.
- Importance of learning, living, and working with AI for future success.
- Mention of speakers: Nzinga Qunta, Jeffrey R. Tarr, Hadi Partovi, Emilija Stojmenova Duh, Ahmad bin Abdullah Humaid Belhoul Al Falasi.

Risks of AI in Learning

- Potential disruptions caused by AI in traditional learning methods.
- Addressing concerns about biased AI technologies in education.
- The need for regulators to specify skill sets and adapt to technological advancements.
- Historical examples of resistance to technology in education, such as protests against calculators in the late '60s.

UAE's Perspective – Ahmad bin Abdullah Humaid Belhoul Al Falasi

- The impact of AI on all sectors and the role of regulators in identifying and embracing change.
- Integration of AI tutors in UAE's education system to enhance learning without major disruptions.
- Ensuring AI tutors align with the national curriculum.
- Ethical considerations and bias testing in AI tutor development.
- Democratising tutoring to improve grades based on a survey result.

Slovenia's Digital Strategy – Emilija Stojmenova Duh

- Slovenia's digital strategy for 2030 with a focus on digital competency.
- The challenge of achieving basic digital skills for at least 80% of the population by 2030.
- Goals to increase the percentage of ICT experts and female representation in the sector.
- Providing free training for 30,000 people annually to enhance digital skills.
- The importance of digital skills for AI competency.
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Workforce Learning in the Age of AI – Jeffrey R. Tarr

- The significant impact of AI on workforce learning and adult education.
- Generation AI and the emergence of new skill gaps.
- The potential of digital coaches and AI coaches in personalized learning.
- Addressing the risk of job losses due to AI by emphasizing the importance of AI skills.
- Code.org's success in engaging 13 million young women in technology education.

Addressing Bias and Recognizing Information – Jeffrey R. Tarr

- Recognizing biases in AI and the internet.
- Teaching people to discern unbiased information, even without AI.
- Emphasizing the importance of information literacy in the age of AI.
- Acknowledging biases and working towards unbiased search results.
- The role of education in helping students navigate AI in platforms like TikTok and Snapchat

Lessons Learned – UAE's Experience

- Communication strategies to bridge the gap between public perception and AI adoption.
- Explaining the use of AI to catch up in numeracy and address teacher scarcity.
- Recognizing the limitations and challenges in adopting AI technologies.
- Key learnings from implementing AI tutors and their impact on students.
- Future considerations for AI integration in UAE's education system.
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Additional Points – Slovenia's Digital Competency

- Specific challenges faced by Slovenia in achieving digital competency.
- Strategies employed to address the digital skills gap.
- Collaboration between government and private sector in digital upskilling initiatives.
- Initiatives aimed at increasing the percentage of ICT experts and female representation.
- The importance of providing free training for a significant portion of the population.
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Insights from Speakers

- Further insights shared by Nzinga Qunta, Hadi Partovi, and other speakers.
- Notable trends and observations in the intersection of education and AI.
- Success stories or challenges discussed by the speakers.
- Implications and recommendations provided during the conference.
- Key takeaways that can inform future education policies and strategies.

Strategies for Risk Mitigation

- Detailed strategies adopted by UAE and Slovenia to mitigate risks associated with AI in education.
- Examples of how biases were identified and addressed in AI tutoring systems.
- The role of ethical considerations in shaping AI integration policies.
- Collaborative efforts with technology experts and educators to ensure responsible AI use.
- Ongoing monitoring and evaluation mechanisms to refine AI applications in education.

Leveraging Opportunities

- Successful initiatives by public and private sector companies in leveraging AI for education.
- Case studies highlighting positive impacts on student learning outcomes.
- Partnerships with tech companies for the development of innovative educational tools.
- Encouraging entrepreneurship and innovation in the education sector.
- Identifying and capitalizing on economic opportunities arising from AI in education.
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Collaboration Between Sectors

- Examples of successful collaborations between public and private sectors.
- Shared initiatives aimed at advancing AI integration in education.
- Government support and incentives for private sector involvement in education technology.
- Ensuring alignment between industry needs and educational curricula.
- Case studies showcasing effective partnerships and their impact on the education landscape.
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Lessons Learned – Reflections from Implementation

- Reflecting on lessons learned from the implementation of AI in education.
- Adjustments made based on real-world experiences and feedback.
- The importance of flexibility and adaptability in the face of evolving technology.
- Student and teacher feedback as valuable sources for continuous improvement.
- Insights into the evolution of AI-based education systems over time.

Future Directions

- Anticipated trends and developments in the intersection of education and AI.
- Forecasts for the role of AI in shaping the future of learning environments.
- Strategies for preparing students for AI-driven workplaces.
- Policy recommendations for governments and educational institutions.
- The evolving role of educators and the need for ongoing professional development.

Conclusion

- Encouragement for continued collaboration, innovation, and adaptation.
- A call to action for stakeholders to embrace AI responsibly in education.
- Acknowledgment of the ongoing journey towards integrating AI seamlessly into education.