

Spaghetti Symphony to Tech Harmony

A session for the Association of National Teaching Fellows Symposium 2024

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Introducing Prof Ed McFly our personalised Artificial Intelligence Maestro. AI BOTS, underpinned by Machine Learning algorithms are reported as the future in sectors from engineering to health to education. Market analysts predict the global market of \$12billion (2023) will grow by 470% within five years to an incredible \$72 billion, transforming the way in which we seek and access new ways of working and learning.



<https://youtu.be/YlYqZn8lJeA>

However, challenges of trust, confidence, competence, and communication remain.

A Masters Unit, “Global Innovation Management” scaffolded the learning experiences of 157 students from hands-on team building of spaghetti tower to developing their own innovative AI Avatar videos, guided by Prof Ed McFly. Regarding Professor Ed McFly's existence, 46.3% believed and 20.9% were uncertain. Students expressed enthusiasm, describing AI as impactful, innovative, and beneficial for future careers. Positive feedback

on the AI seminar emphasised satisfaction, engagement, and educational value. Recommendations include further AI integration into teaching, allocating more exploration time, addressing concerns, enabling more collaboration, exploring diverse AI applications, and continuous improvement. Despite mixed sentiments, the positive feedback indicates AI's potential to significantly enhance learning experience. As we share our resource bank, participants will follow in the footsteps of our students as they, and we, explore AI. In the session, the participants in their groups created their ideas around the skills, knowledge and aptitudes a 21C educator needs, and these were fed into '[Synthesia](#)' the software tool we use to create Prof Ed McFLY.

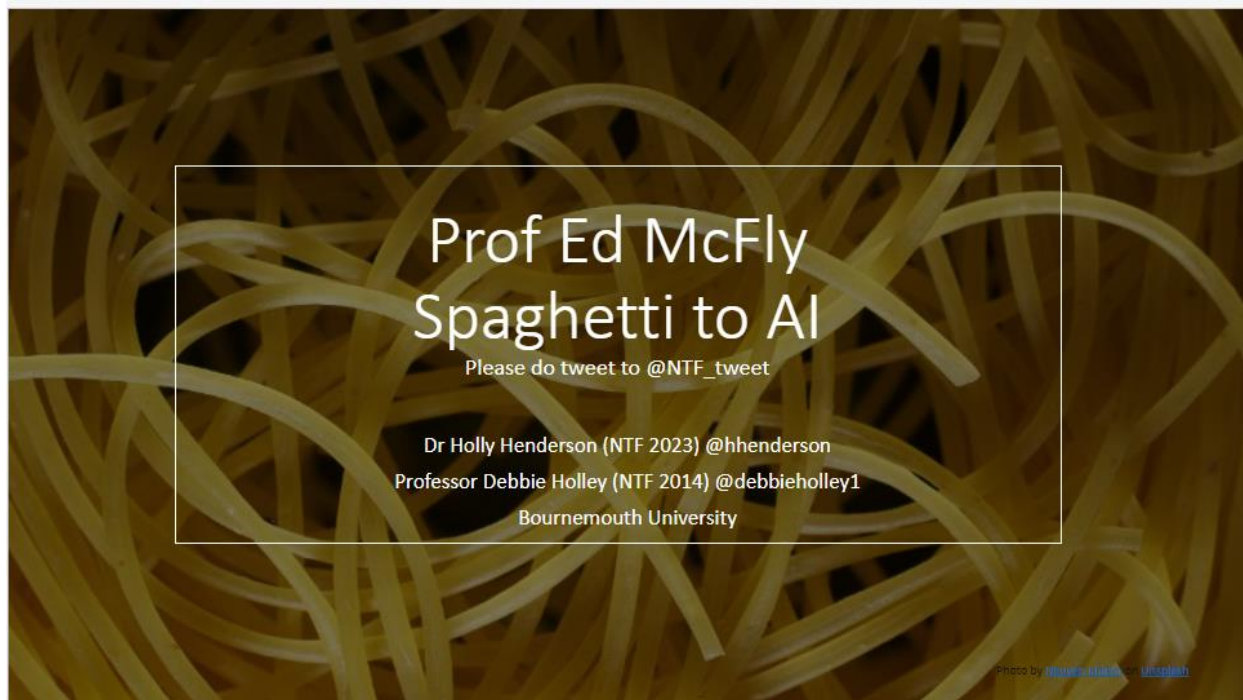
Here are the links to the outcomes of the three groups thoughts on 21C educators, in which some of the challenges of AI start to become evident.

ANTF SB : <https://www.youtube.com/watch?v=ycRpiNH63Wc>

ANTF SG: <https://www.youtube.com/watch?v=yRg8qh7DFWQ>

ANTF SE: <https://www.youtube.com/watch?v=Z4Z0dhU4suM>

The slidedeck with the case study, including the student feedback on the full teaching session is available here:



<https://www.slideshare.net/slideshow/spaghetti-symphony-to-technology-harmony/267269082>

With thanks to Jakob Rossner, our Faculty Learning Technologist for his assistance with a rapid upload of the rendered videos; these arrived in time for participants to see their AI avatars, generated from their work.

Holly is a Senior Lecturer in Educational Excellence, and works with the FLIE team at BU as well as supporting Faculty Innovation. You can follow her on X (twitter) @hehenderson

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