

Developing Machine Learning Algorithms for Inferring Upstream Separatrix Density at JET

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25th International Conference on Plasma Surface Interactions in Controlled Fusion Devices, June 13 – 17, 2022, Korea

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Link to poster:





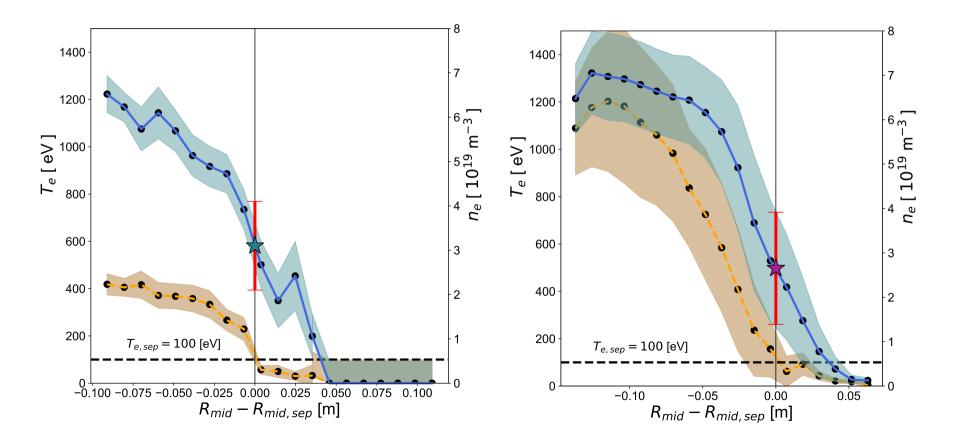




This work has been carried out within the framework of the EUROfusion Consortium and has received funding from the Euratom research and training programme 2014-2018 and 2019-2020 under grant agreement No 633053. The views and opinions expressed herein do not necessarily reflect those of the European Commission.

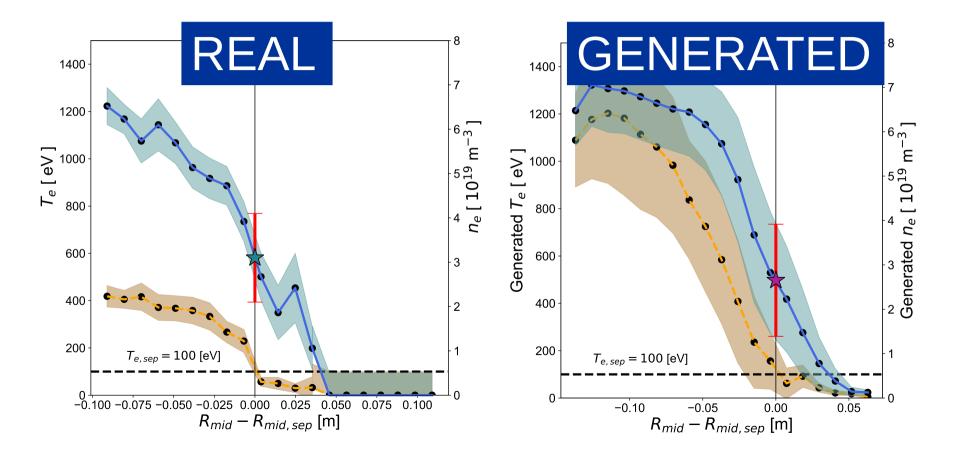
A turing test, one of these profiles was generated using deep learning, and one is real



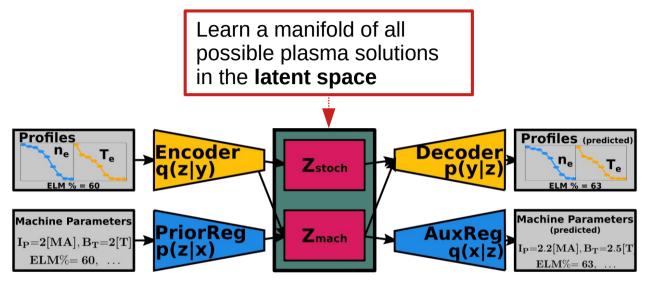


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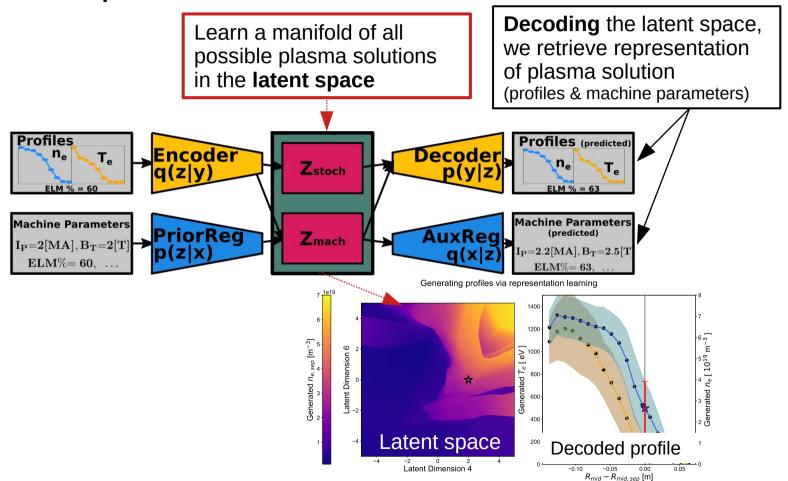




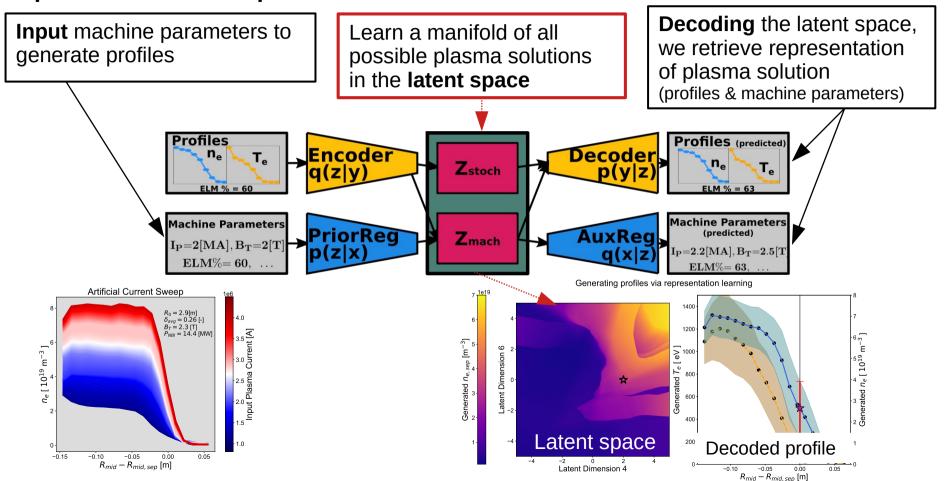




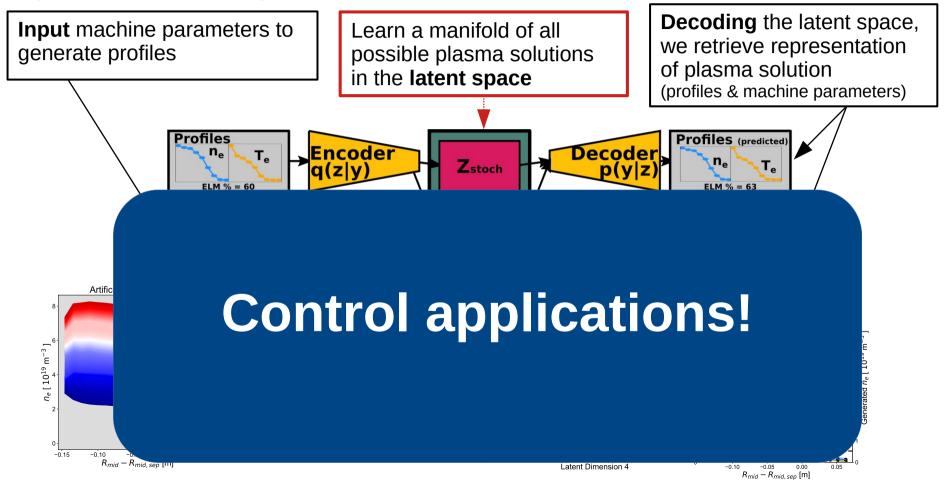












We also build a model for a direct mapping to nesep



Pulse 81836 Pre ELM % = 83.4, Post ELM % = 1.12

> T_e, n_e O Pre-ELM

△ △ Post-ELM

