



# The impact of chatGPT and other large language models on physics research and education

## Friday, 21 July 2023

### The use of large language models in research - 32-123 (12:40 - 14:30)

time	[id] title	presenter
12:40	[7] Collaborating with ChatGPT to train an unsupervised machine learning algorithm on astronomical data	CHICKLES, Emma
12:55	[8] Fine-Tuning LLMs for Understanding Fundamental Physics Concepts and Problems	DANGOVSKI, Rumen
13:10	[9] Building a platform for understanding scientific ideas by offloading increasing amounts of the research process to AI	RAMETTE, Joshua
13:25	[10] Using natural language processing-based information to aid the detector characterization and commissioning activities at various gravitational wave observatories	Dr MUKUND, Nikhil
13:40	[11] Interactive demo session on using chatGPT in teaching and research-type applications	Dr BURDGE, Kevin
13:50	[12] Open discussion on use of LLMs in teaching and research	Dr BORROW, Joshua Dr BURDGE, Kevin
14:10	Coffee break	