A **PhD position** in **physics-informed deep learning for wind power** is open in the [APEX lab](#) at Carleton University in Ottawa, Ontario, Canada. The ideal candidate will have experience in one or more of the following areas:

1) Deep learning, auto-encoders, anomaly detection
2) Numerical Weather Prediction (NWP) modeling, Computational fluid dynamics
3) Wind power prediction modeling
4) Big data analytics, algorithm parallelization, database development

Applications are welcome from all areas of engineering and computer science, and are especially encouraged from under-represented groups including, but not limited to: women; visible minorities; First Nations, Inuit and Métis peoples; persons with disabilities; and persons of any sexual orientation, gender identity and/or expression.

A background in Python programming is considered a strong asset. The PhD start date is negotiable, ideally commencing in **Fall 2021** or Winter/Spring 2022.

Inquiries about the position may be addressed to Dr. Kristen R. Schell, kristenschell@cunet.carleton.ca. Please include a current CV and statement of interest with your query.