

# GPU-based parallel computing and applications

**Instructor: Waidyasooriya Hasitha Muthumala**  
**Tel:022-795-7154 e-mail: [hasitha@tohoku.ac.jp](mailto:hasitha@tohoku.ac.jp)**

GPU-based parallel processing is used in many applications such as artificial intelligence, scientific simulations, etc. In this training, we learn the basics of parallel processing and accelerate real world applications using a GPU.

