

**CASS Bootcamp on:  
“Introduction to Deep Learning”**

**Speaker:  
Zhao Zhang**



**Abstract:** This bootcamp is the first one in its series. The goal of this bootcamp series is to eliminate the technical barrier between domain scientists and machine learning/deep learning and high-performance computing (HPC). The first bootcamp will begin with the overall picture of AI4Science, the basic knowledge of deep learning, and its usage in science and engineering research. We will have a hands-on exercise with a natural hazard damage assessment example in Jupyter notebooks.

**Date: Thursday, January 25, 2024**

**Time: 9:00 am - 12:00 noon**

**Location: 701 CoRE Building (Busch Campus)**

Coffee/Pastries will be available.

**Due to strong interest, attendees will be limited to 20 participants.**

**Registration by Jan. 22<sup>nd</sup> is required at:**

<https://forms.gle/K5rTGmFAg8trxeNQ7>

For hands-on exercises, participants have to register for a TACC account at: <https://tacc.utexas.edu/portal/login?from=/portal/>. It may take a few days to get approved and set up the multi-factor authentication. Please apply early.