Discrete Element Method (DEM) in geotechnical engineering education

Lecture 1: Tuesday, February 8, 2022 (4pm Sydney time, 1pm China time, 6am Europe time, 9pm(-1 day) US Pacific time)
Teaching granular mechanics with Discrete Element Method
Francois Guillard and Benjy Marks (University of Sydney)
Registration link

Lecture 2: Tuesday, February 22, 2022 (4pm Sydney time, 1pm China time, 6am Europe time, 9pm(-1 day) US Pacific time)
Virtual laboratory testing using DEM to understand soil behaviour
Benjy Marks and Francois Guillard (University of Sydney)
Registration link

Lecture 3: Tuesday, March 29, 2022 (6pm Sydney time, 3pm China time, 9am Europe time, 12am US Pacific time)
Let's code the discrete element method for a deeper understanding
Vincent Richefeu (Université Grenoble Alpes)
Registration link

Lecture 4: Tuesday, April 26, 2022 (5pm Sydney time, 3pm China time, 9am Europe time, 12am US Pacific time)
Using open source DEM in teaching
Shiwei Zhao (Hong Kong University of Science and Technology)
Registration link

Lecture 5: Tuesday, May 24, 2022 (1am(+1 day) Sydney time, 11pm(+1 day) China time, 5pm Europe time, 8am US Pacific time)
Building a real-time interactive playground with in-situ viz and deep learning
Krishna Kumar (University of Texas, Austin)
Registration link