ADVANCED STRUCTURAL MATERIALS WORKSHOP

Date: 20 October 2023 (Friday)
Time: 11:00am-6:00pm
Venue: Senate Room, 19/F, Lau Ming Wai Academic Building

Speakers:

Tongyi Zhang (Dean, Materials Genome Institute, Shanghai University)
HKIAS Distinguished Lecture Series: Materials-GPT and Domain Knowledge-Guided Machine Learning

Yi Liu (Professor, Materials Genome Institute, Shanghai University)
Data-driven high-throughput experiments accelerate the development of hard high-entropy alloys

Shuai Chen (Associate Professor, Materials Genome Institute, Shanghai University)
Chemical ordering and its impact on mechanical properties of high-entropy alloys

Zhaoxuan Wu (Assistant Professor, Department of Materials Science and Engineering, City University of Hong Kong)
Effects of short range ordering on the generalized stacking fault energy and deformation mechanisms in FCC multiprincipal element alloys

Tao Yang (Assistant Professor, Department of Materials Science and Engineering, City University of Hong Kong)
Nano-precipitation-strengthened high entropy alloys for advanced structural applications

Xiaolong Ma (Assistant Professor, Department of Materials Science and Engineering, City University of Hong Kong)
Probing the puzzles in deformation using small-scale mechanical testing