

~ 演講公告 ~

A perspective on accelerated alloy design

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Abstract

The field of materials science, especially for structure materials, are undergoing substantial changes as a result of: (1) ever-increasing computational power, new methodologies and computed data; (2) tight integration of computational and experimental approaches; (3) advent of data analytics and machine learning methodologies; (4) advanced high-throughput methodologies, automation and autonomy; and (5) the excitement, challenges and opportunities offered by additive manufacturing. This talk will offer a personal prospective on accelerated alloy development by effectively leveraging these exciting advances. Several successful examples of accelerated alloy development will be employed to illustrate the prospective.

10月17日(週四) 15:00 - 16:30

台達館 401 會議室

~ 歡迎蒞臨參加 ~

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