

Title: 주사투과전자현미경을 이용한 물질 및 2D 기반 에피택시의 이해

Speaker: 장소연 (Celesta S. Chang), Department of Physics and Astronomy, SNU

Time: 2024/05/22 (Wed) 17:00-18:00

Abstract: Studying novel materials or structures requires understanding the structure in atomic scale as it can provide physical, chemical, and electronic properties of the material. In this talk, I will introduce the capabilities of transmission electron microscopy (TEM) by discussing examples of various oxide systems and mention the recent advances in electron microscopy. In addition, efforts on fabricating freestanding membranes will be introduced in the second part of the talk, which can be utilized in many applications such as LEDs, wearable electronics, and lightweight devices.

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