



School of Nano Science (IPM)



Condensed Matter & Statistical
Physics Group (IPM)

Weekly Webinar

Li-ion batteries: basics, properties and prospects of the novel anode nanomaterials

Speaker: **Dr. Yaser Bahari**

Nanotechnology Department, University of Guilan, Rasht, Iran

Rechargeable Li-ion battery has been the focus of many research studies in recent decades and its successful commercialization paved the way for application in electronic devices and modern electric vehicles as well as the use in large-scale storage for the electrical power grid. The further development of this industry, however, demands new electrode materials to meet the required features and address the current drawbacks. In this presentation, basics of Li-ion batteries and important demanded properties will be illustrated with a focus on the anode. In addition, the prospects of some novel anode nanomaterials will be discussed.

Wednesday, 29 July 2020 (۸ مرداد ۱۳۹۹), 14:00-15:00

Virtual Meeting Room (please log in as a guest):

<https://www.skyroom.online/ch/schoolofphysics/school-of-nano-science>

