



School of Integrated Technology (SIT)

SIT SEMINAR

- Energy Technology(ET)
- Culture Technology(CT)
- Intelligent Robotics Technology(RT)
- Common Subject

Thursday, September 6th, 2018, 2:30 PM.

Room No. 109, Dasan bldg. 1st Floor

(Host: Prof. Kim, Hyeong Jin/ Language: Korean)

Development & Future Outlook of Lithium ion battery materials for EV

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The unending demand for long range driving EV stimulates the development of high energy density LiB with significant reduction in cost, which will be possible through another innovation in materials technologies. Here, I would like to discuss about new battery materials such as Ni-rich cathode materials, Si-based anode materials and challenges arise from their lack of durability which prevent long cycle and facile swelling behavior.