



IBS Center for Molecular Spectroscopy and Dynamics

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# Seminar

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- **SPEAKER**

Dr. Jooyoun Kang (IBS CMSD)

- **TITLE**

Spectroscopic and Microscopic Studies on Biomolecules, Optoelectronic Devices and microdroplets

- **ABSTRACT**

During my Ph.D., I built STED super-resolution microscope and single-molecule spectroscope based on fluorescence. I was interested in biomolecules such as single-stranded DNA, ARS (aminoacyl-tRNA synthetase) protein in HeLa Cell as well as phosphorescent red OLEDs. In the postdoctoral course, I have studied the fluorescence intensity and lifetime distributions of rotor molecules in microdroplets.

- **DATE AND VENUE**

December 16, 2020 (Wednesday, 11:00 - 12:00)  
Virtual Conference