



**COEB** - Centre for OptoElectronics and Biophotonics

## Strong Light-matter Interaction in Monolayer WS2 Coupled with Nanoantenna Arrays

**Background Motivation** 

-Realizing strong plasmon-exciton coupling is essential for nonlinear optics in single photon level and applications in quantum information. -Monolayer TMDs have be discovered to have direct band gap and very large exciton binding energies, pave a promising way to realize strong coupling at room temperature.



## **Project Members**

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