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# Representation and Number Theory Seminar

## Nil Hecke Bimodules and $sl_2$ Categorifications

by

*Professor Rina Anno*  
*Kanas State University*

### Abstract:

I will discuss the construction of a nil Hecke algebra in the category of bimodules over an algebra (full generality: bimodules over a small DG category) in the context of categorical representations of the Lie algebra  $sl_2$ .

Date : January 26, 2021 (Tuesday)

Time : 3:00pm – 4:00pm (Hong Kong SAR)

Zoom link :

<https://cuhk.zoom.us/j/97838822137?pwd=ZTVvSC9abmNjR3RCcS9FTzJNTVhXdz09>

Meeting ID: 978 3882 2137

Passcode : sesame

*All are Welcome*