

# SNU beamer template

Gildong Hong\*

Seoul National University

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# This is a title



This is a colorbox.

Using a Metropolis-Hastings scheme with uniform proposal over sites:

- Insertion proposal: choose one empty site uniformly and attempt ( $N \rightarrow N + 1$ )

$$p_{\text{ins}} = \min\left(1, e^{\beta\mu} \frac{V - N}{N + 1}\right)$$

- Deletion proposal: choose one occupied site uniformly and attempt ( $N \rightarrow N - 1$ )

$$p_{\text{del}} = \min\left(1, e^{-\beta\mu} \frac{N}{V - N + 1}\right)$$

# This is a title And a Subtitle



Ion	Radius (Å)
Na <sup>+</sup>	1.4720
K <sup>+</sup>	1.7780
Cl <sup>-</sup>	1.8080
Br <sup>-</sup>	1.9730

**Table 1:** This is a table.<sup>a</sup>



**Figure 1:** This is a figure.[1]

<sup>a</sup> This is a footnote.

# Takeaways



- Item 1

# Takeaways



- Item 1
- Item 2

# Takeaways



- Item 1
- Item 2
- Item 3

# References



- [1] K.-j. Jeong et al. Predictive Molecular Models for Charged Materials Systems: From Energy Materials to Biomacromolecules. *Adv. Mater.* **2023**, 35, 2204272.



**Thank you**

Questions?