

# SNU beamer template

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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?