

## Spin Transport in Graphene/2D-Ferromagnet Heterostructures

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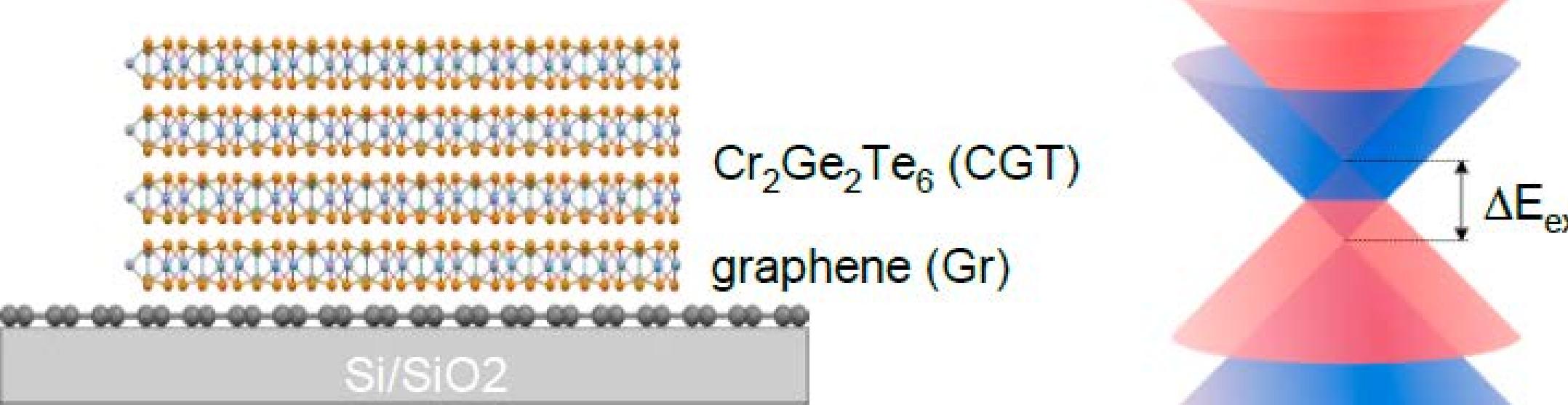
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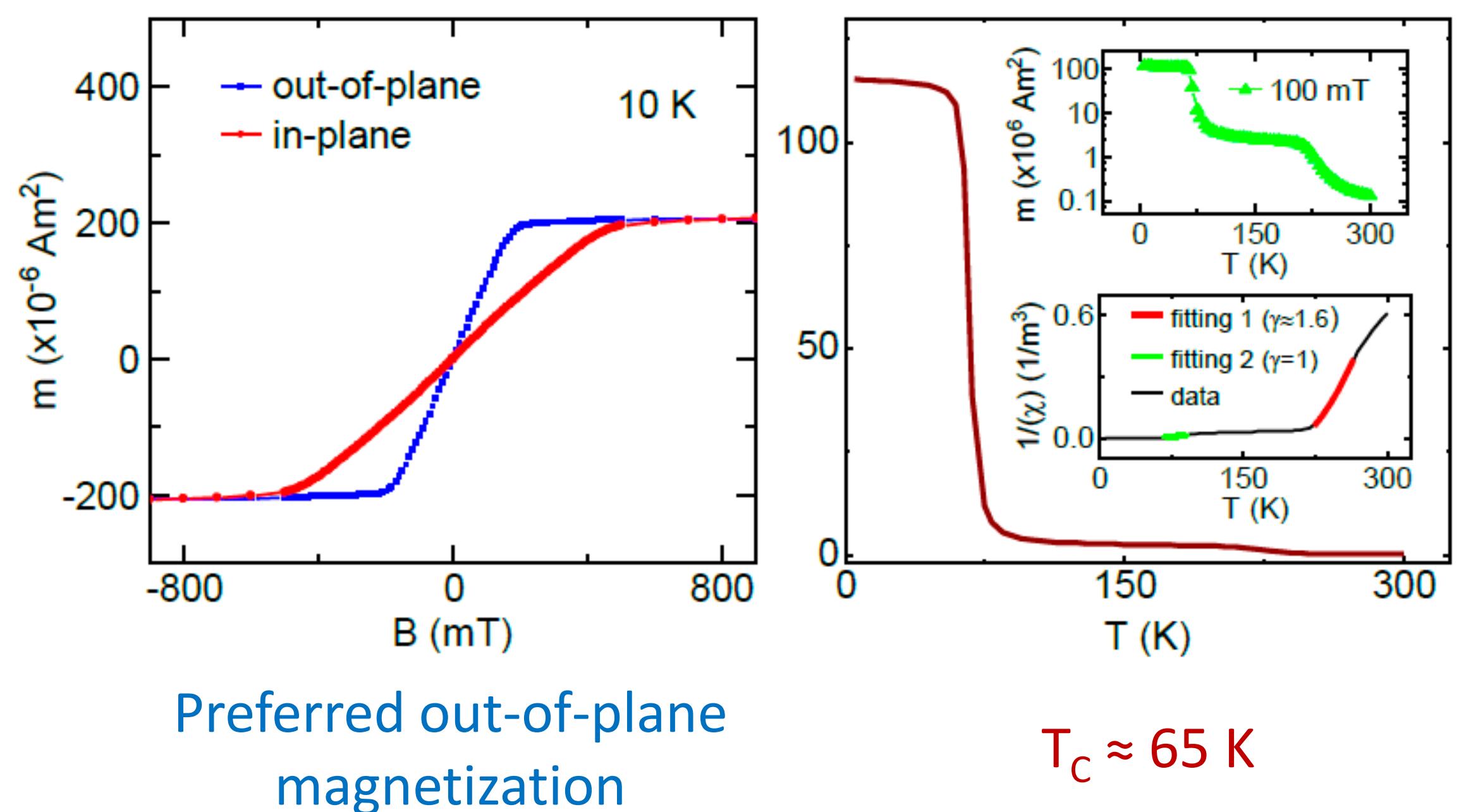
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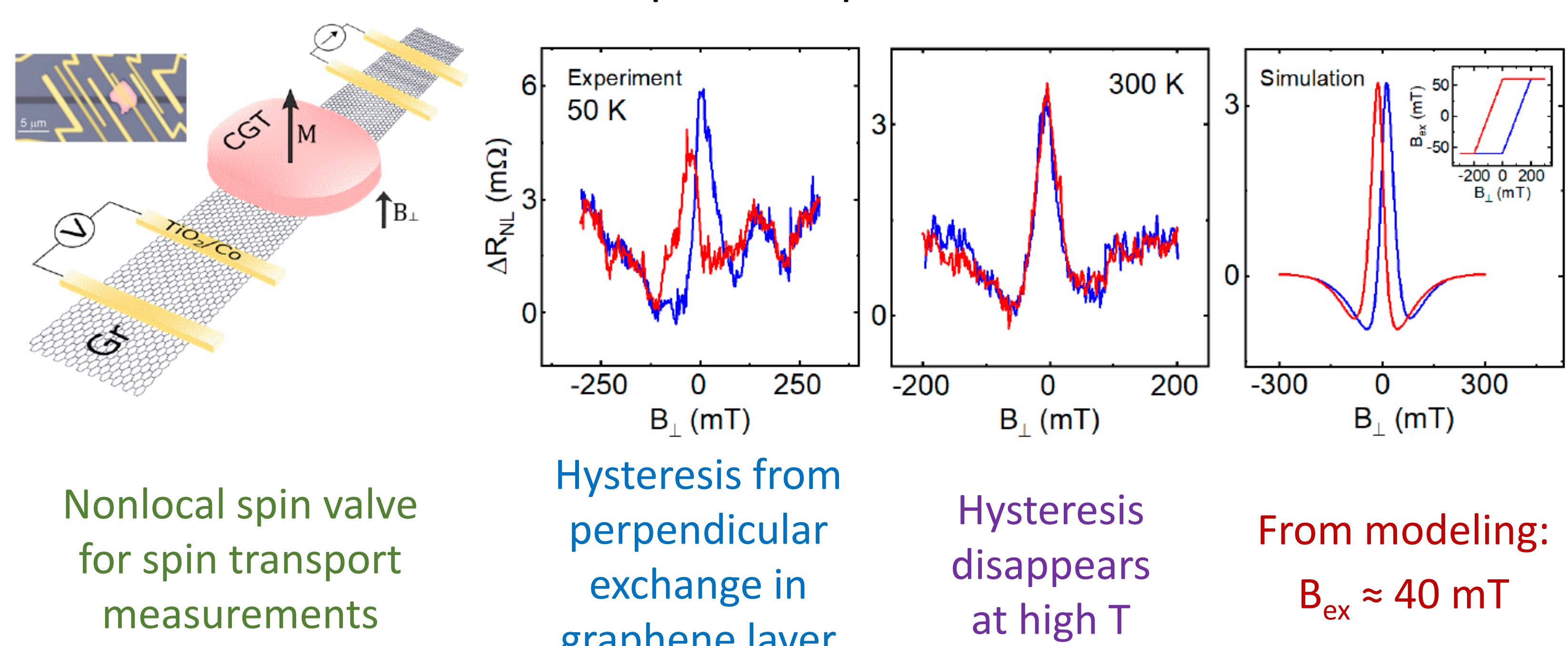
**The Goal:**  
induce magnetism in graphene  
via proximity to a magnetic insulator



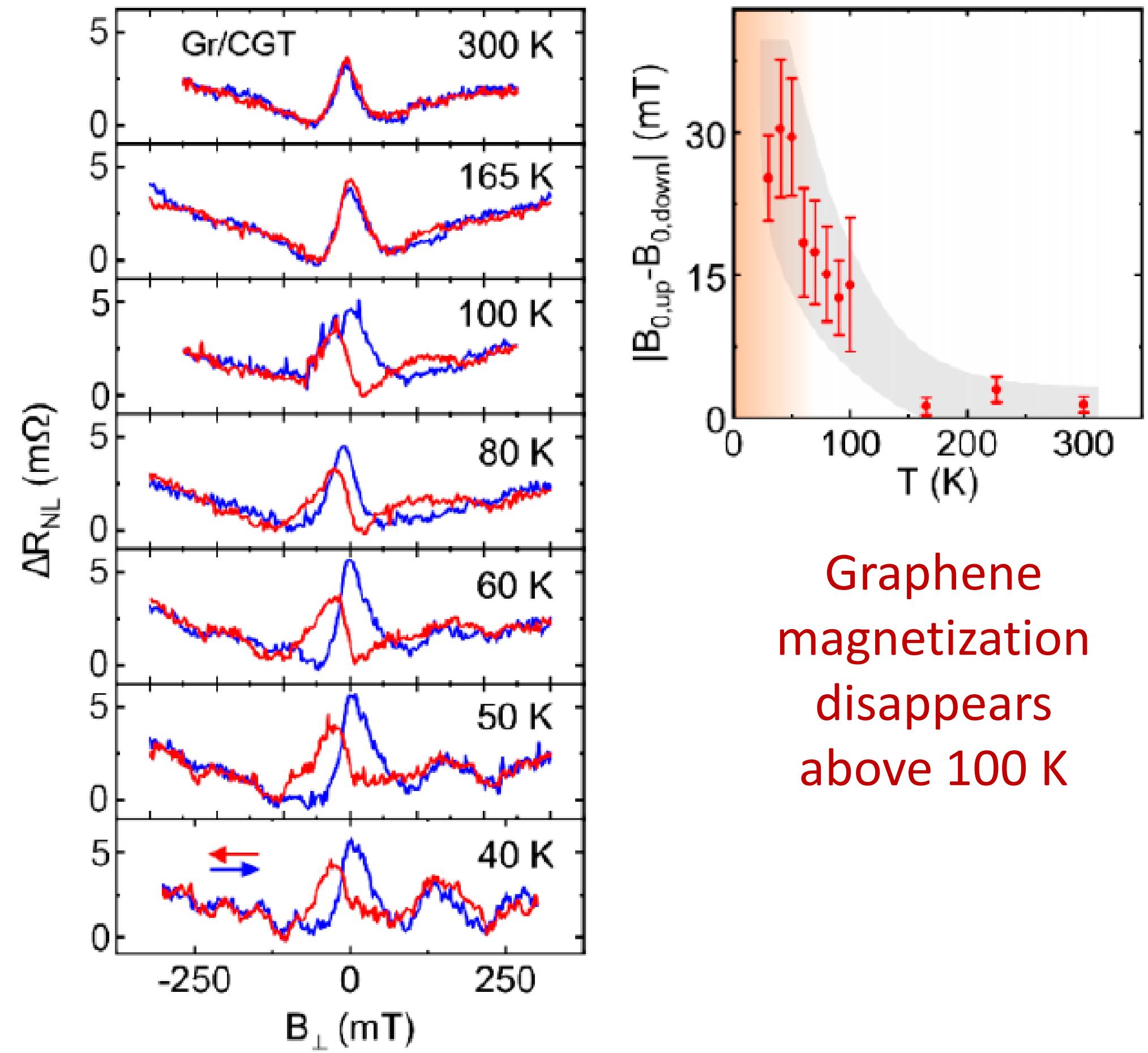
### Bulk CGT: magnetic properties



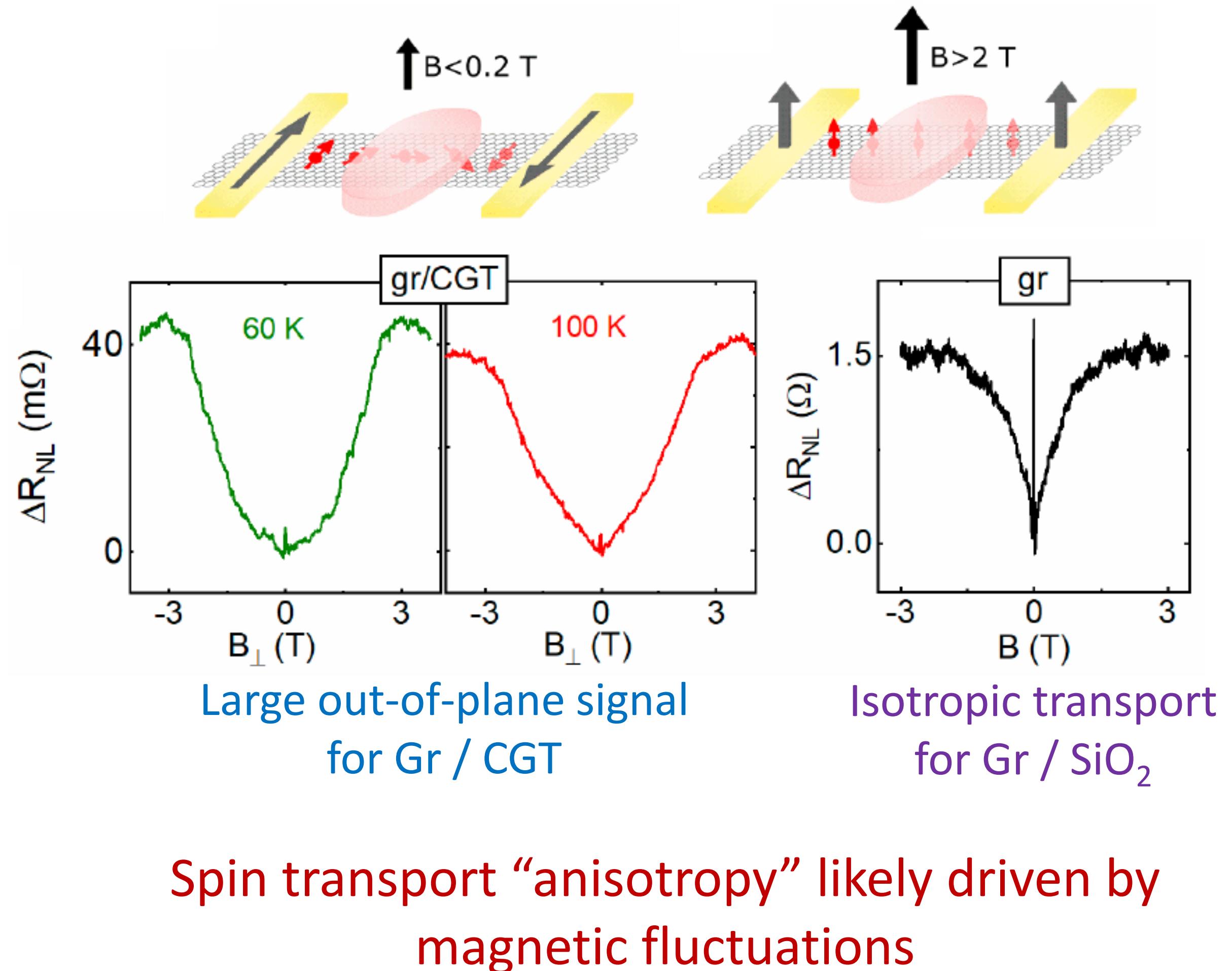
### Graphene / CGT: spin transport



### Graphene / CGT: temperature dependence



### Graphene / CGT: anisotropic spin transport?



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### REFERENCES

- [1] B. Karpia, A.W. Cummings et al., *2D Mater.* **7**, 015026 (2020)
- [2] A.W. Cummings, *J. Phys. Mater.* **2**, 045007 (2019)