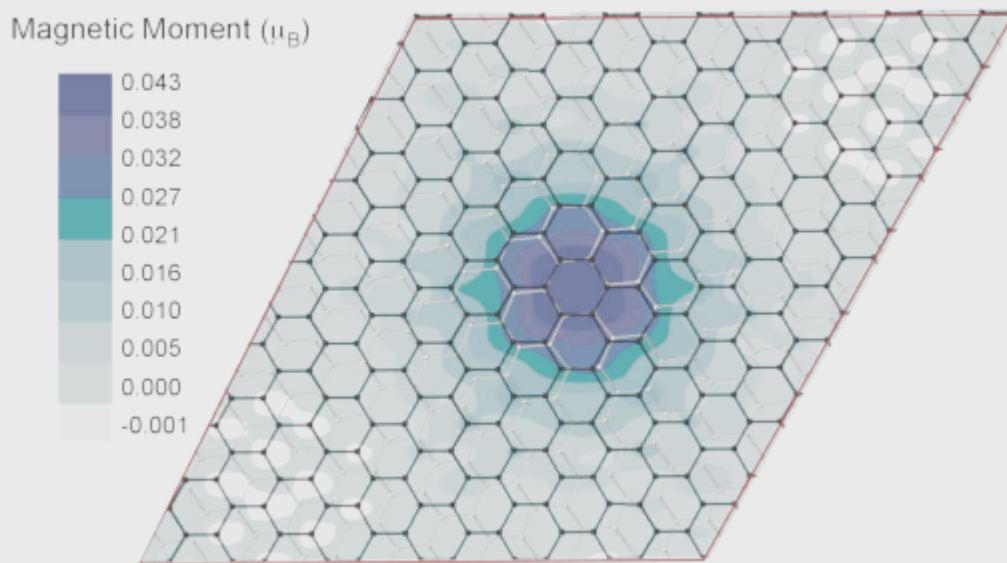


## Looking for Magnetism in Graphene



Title: Looking for Magnetism in Graphene.

When: Tuesday, November 20, (2018), 12:00.

Place: Department of Theoretical Condensed Matter Physics, Faculty of Sciences, Module 5, Seminar Room (5th Floor).

Speaker: Felix Yndurain, Condensed Matter Physics Department, Universidad Autónoma de Madrid, Spain.

One of the most active research topics in graphene has been the search of magnetism. In the recent past, and based on Lieb's theorem [1], the research has been focused on point defects like vacancies or adsorbed single atoms like hydrogen or fluorine [2,3]. Very recently, the work of Prof. P. Jarillo-Herrero's group at MIT [4] has opened the possibility of correlated states in defect's free twisted graphene bilayers. These issues will be discussed in the talk along recent results on magnetic moments in twisted bilayers [5].

### References

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- H. González-Herrero et al. Science, 352,437 (2016).
- H. González-Herrero et al. To be published.
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