

Condensed Matter Theory Journal Club/PHY663/PHY363

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Spring 2020 Schedule: Thursdays at 12:30-1:45 in Olin 102

Some possible papers for discussion are collected in the googledocs folder:

<https://drive.google.com/drive/folders/0BwFpINfu9wgafndkeUJNcjNzd2Nva3Vzcmx1MVo3b0JzX0FzTlo1SXdDU2M2ZmJnLUthcmM>

Some guidelines for preparing a talk are given in the googledoc:

<https://drive.google.com/drive/folders/0BwFpINfu9wgaNndGdUFUdFNjRGM>

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To sign up for a talk, please edit this googledoc directly to add or change schedule or contact natalie@wfu.edu

- January 16, 2020 -- 12-1 PM -- lunch with Dr. Subhasish Mandal, Rutgers University, NJ
- January 23, 2020 -- 12-1 PM -- lunch with Dr. Ongun Ozelik, University of California, San Diego ,CA
- January 30, 2020 -- 12-1 PM -- lunch with Dr. Steve Winter, Institute for Theoretical Physics, Frankfurt Germany
- February 6, 2020 -- 12-1 PM -- lunch with Dr. Sharmila Shirodkar, Rice University, Houston, TX
- February 13, 2020 -- 12:30-1:45 PM -- Discussion with Deac Cluster administration -- Adam Carlson, Cody Stevens, and Sean Anderson
- February 20, 2020 -- 12:30-1:45 PM -- Discussion of the band structure of a two-dimensional graphene sheet following the review article
DOI: 10.1103/RevModPhys.81.109
- February 27, 2020 -- 12:30-1:45 PM -- Practice talks for APS March meeting
- March 5, 2020 -- no meeting (APS March meeting)
- March 12, 2020 -- no meeting (Spring break)
- March 19, 2020 -- no meeting due to corona virus inspired reorganization
- March 26, 2020 -- informal zoom meeting 1 PM
<https://wakeforest-university.zoom.us/my/natalie.holzwarth>
- April 2, 2020 -- Yan Li "A brief introduction to CP2K: capacities and test examples" (Refs. [1] VandeVondele et al., Computer Physics Communications 167 103–128 (2005) . DOI: <https://doi.org/10.1016/j.cpc.2004.12.014> [2] Hutter et al. Comput Mol Sci 4 15–25 (2014). DOI: <https://doi.org/10.1002/wcms.1159>) Starting at 1 PM
<https://wakeforest-university.zoom.us/my/natalie.holzwarth>
- April 9, 2020 -- No meeting
- April 16, 2020 -- Haardik Pandey, "Coadsorption in Metal Organic Framework and studying a 2D-Covalent Organic Framework with interlayer H-bonding." and Trevor Jenkins, "An Introduction to the RPM3-Zn MOF and its Reactions to Ethane Population" Meeting starts at 1 PM
<https://wakeforest-university.zoom.us/my/natalie.holzwarth>
- April 23, 2020 -- Weronika Wolszczak will lead a discussion of a literature paper: "Ab initio calculations of the rate of carrier trapping and release at dopant sites in NaI: TI beyond the harmonic approximation" DOI: <https://doi.org/10.1103/PhysRevB.101.024304> Meeting starts at 1 PM
<https://wakeforest-university.zoom.us/my/natalie.holzwarth>

