

INORGANIC DISCUSSION MEETINGS – Winter 2017

Meetings for Kerton and Kozak groups: 3:00-5:00 pm, C4036.

Some weeks will be tutorial/review style classes where you are expected to present in a teaching style.

Research Talks will be 15-20 minute 'conference style' talks (i.e. intro, R&D, summary) concerning your most exciting recent results and lab tips/advice to pass on. Please be aware of the time limit (although we have the room for 2 hours, we don't want to run longer than necessary and we need time to practice answering questions and receiving criticism).

On the research weeks, there will also be Literature chats/discussions. The chair should e-mail a paper to the group the week before the meeting. They should also tell everyone the title and why they chose this paper during the meeting before it will be discussed e.g. Kenson will briefly mention his paper on Jan 19 as he is chairing on Jan 26 (so he will need to start selecting his paper ~Jan 12). We then all have a week to read the paper so that we are prepared for the discussion the following week. Your paper must be from one of the following 'top' journals (Science, Nature, PNAS, JACS, Angew. Chem. Int. Ed., Chem Commun., Chem. Sci. or Chem. Eur. J.), from 2016 or 2017 or asap and it CANNOT be directly related to any ongoing work in the Kerton or Kozak groups e.g. it can be on biomass but not mechanochemistry of biomass, it can be on mechanochemistry but not mechanochemistry of biomass, it can be on a catalytic transformation of carbon dioxide but not its reaction with epoxides...

Each meeting will start with a 5 min safety/lab business chat. Bitters after for those interested.

Date	Student(s)/Topic
Jan 12	Jen – Top ten things about single crystal X-ray diffraction and tips for growing crystals
Jan 19	Kaijie – Tips and tricks for using mass spec to study reactions of coordination compounds/catalysts
Jan 26	Kaijie + Hart – Research Talks; Kenson, Literature Chair
Feb 2	Kori + Jue Gong + George – Research Talks; Tim, Literature Chair
Feb 9	Kenson + Jen – Research Talks; Hart, Literature Chair
Feb 16	Erika + Tim – Research Talks; Jue, Literature Chair
Feb 23	Hart – GPC tutorial and other methods of determining polymer molecular weights
Mar 2	Erika – Quantification in catalytic reactions (e.g. ^1H NMR spectroscopy)
Mar 9	Kaijie + Hart – Research Talks; Kori, Literature Chair
Mar 16	Kori + Jue Gong + George – Research Talks; Kaijie, Literature Chair
Mar 23	Kenson + Jen – Research Talks; Erika, Literature Chair
Mar 30	Erika + Tim – Research Talks; Jen, Literature Chair
Apr 6	Kori – Iron catalysis tutorial review (e.g. hydrogenation, cross-coupling, polymerization)

Reminder: ChemCon is being hosted at MUN this year. May 4-6 2017. Please keep your eyes open for registration and abstract submission.