Hello OSC Students!

Some of you may have recently gotten questions from me gauging interest towards the idea of having a Journal Club. Fortunately, there’s been lot of positive response and some phenomenal suggestions that many of you have given about how the club might work! Having taken these into consideration, Greg Nero and I are happy to share that we’ll be setting up a Journal Club for next semester!

Here are the logistics:

- **Meeting Time/Place:**
  4-5 pm bi-weekly in Meinel 307

- **Meeting Format:**
  Each meeting will contain two 15-minute presentations on two distinct papers. Then there will be 10 minutes after each presentation for questions.

- **Scheduling Presenters:**
  We will be scheduling presenters on a rolling basis. Every week, two new individuals who have volunteered to prepare a presentation will be scheduled for the following week. Feel free to reach out to me (ndeshler@email.arizona.edu) or Greg (gnero@email.arizona.edu) if you already have a paper in mind that you’d like to present or if you would like to be part of this group! We’ll gladly put you on the mailing list!

- **Other:**
  We will try to provide refreshments and snacks!

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*Note: The rest of this post describes what Journal Club is about, but there’s a tl;dr at the end if you’re looking for a quick summary.*

For any of you who are unfamiliar with the mission/structure of a journal club, here’s the idea: This is a group that meets weekly to listen to and present summaries of exciting and insightful research papers. It is entirely up to the presenter to choose the research paper they’d like to share with everybody, and our hope is that they feel comfortable doing so in the supportive and casual environment that Journal Club cultivates! As we are an optics college, many people will have optics-related papers they would surely like to review, but know that you are more than welcome to present on any topic you’d like!

The point of this is to give our community an opportunity to learn from each other. This way, we each get a glimpse of the theories, technical methods, and challenges associated with a broad array of subfields in optics and other scientific disciplines. Ever wondered how information and quantum light are related? Or perhaps you’ve heard that convolutional neural networks can be made with optics? Maybe you’re intrigued by something totally outside of optics! Like how RNA is packaged and then released into cells? Or how entanglement and spacetime might actually be one and the same? This is also a great way to stay informed about seminal papers and latest discoveries!

We hope people see this as a fun opportunity to share the ideas that you find mind-blowing with the rest of us! We look forward to learning a lot from all of you.
tl;dr

Journal Club is a group of students that meet bi-weekly to listen to and present summaries of exciting and insightful research papers. You can present any paper you’d like, any meeting week you’d like.