Hello OSC Students!

We are excited to announce that Journal Club is starting in Spring semester 2022! Herein you will find the club logistics and mission statement. We hope that you will join us!

Let us begin with the logistics.

- **Meeting Time/Place:**
  4-5 pm bi-weekly in Meinel 307  (Jan. 28 - to - Apr. 22, 2022)

- **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. Please reach out to journalclub@optics.arizona.edu with your paper’s title, author, year, and abstract if you ever feel inspired to present. We will get back to you to schedule your presentation date.

- **Archive of Materials:**
  Past presentation slides can be found in the Journal Club Archive.

- **Other:**
  There will be coffee, cookies, and brownies at every meeting!

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Note: The rest of this post describes the objective, mission, and spirit of Journal Club, but there’s a **tl;dr at the end if you are looking for a quick summary.**

For any of you who are unfamiliar with the mission/structure of a journal club, the idea is as follows: This is a group that meets to listen to and present summaries of exciting and insightful research papers. All presentations are entirely voluntary.

It is completely up to the presenter to choose the academic paper they would like to share with the rest of the group, and our hope is that they feel comfortable doing so in the supportive, curiosity-driven environment that Journal Club strives to cultivate. As we are an optics college, many people will have optics-related papers they would like to review, but know that you are more than welcome to present on any topic you would like!

The point of this is to give our community an opportunity to learn from each other. This way, we each get to glimpse the theories, technical methods, and challenges associated with a broad array of subfields in optics and other scientific disciplines. Have you ever wondered how information theory and quantum light are related? Or perhaps you would be interested to learn about convolutional neural networks can be made with optics? Maybe you’re intrigued by something totally outside of optics! Like how viruses package RNA and then release it into cells? Or how entanglement and spacetime might actually be one and the same? If these kinds of topics and questions sound exciting, then we encourage you to attend our meetings! Journal Club is also a great way to stay informed about seminal papers and latest discoveries which might aid you in your future research!
We hope people see this as a fun opportunity to share the ideas that you find mind-blowing with a community who will surely share your excitement. We look forward to learning a lot from all of you.

Your club leaders,

Nico Deshler and Greg Nero

**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.