



Integrated Photonics

377.2.5599

Presentation (one presentation at a semester spring) demands:

1. Preparation: The frames will be prepared for professional presentation using *Beamer* frames written in the *LaTeX* code.
2. Topic: Each paper will be presented once.
3. Duration: The presentation will last at least 45 minutes, but not more than, 50 minutes.
4. Points to consider: **Introduce the background on topic**, then a) Literature overview to **introduce the research** presented in the frames, b) detailed explanation of the **theoretical calculations** performed in the paper, c) considerations for the **design of the structure** and comparison to similar devices: advantages and disadvantages, d) **experimental apparatus** and conduction of the experiment, e) **application** of the device, f) possible **future works**.
5. Journals: Highest journals of interest are listed here for your convenience.
6. Presentations 10 June: Hadad, Matan, Watad; 17 June: Hory, Ang, Dadadzhanov

Topics:

Coupling

Integrating photonic devices with (silicon) nanoelectronics

Devices: Sensors, Modulators

Computing

Effects on a chip

Please send a paper you wish to present to alinak@bgu.ac.il for approval.

Good luck!

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