

Presentation topics:

- 1. Working principle of a pn junction**
- 2. Exciton & working principle of organic photovoltaics**
- 3. Working principle of dye-sensitized solar cells**
- 4. Working principle of perovskite solar cells**
- 5. Working principle of of photoelectrochemistry**
- 6. Working principle of photocatalysis**
- 7. Novel materials, e.g. quantum dots, transition metal dichalcogenide, etc**
- 8. Characterization tools: EIS, TRPL, IMPV/IMVS, XRD, XPS, PL, TRPL, KPFM, Gas chromatography, etc**

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Applications (selection of a scientific article)

Total 10 - 12 mins:

Introduction 1 – 2 slides (1 – 3 mins)

Main body 3 – 4 slides (8 - 10 mins)

Conclusion 1 slides (1 min)

- 1. Working principle**
- 2. One article about application:**
 - Motivation and Novelty**
 - Main Results**
- 3. Conclusion and Criticism**

With your name and page number!

Things unrecommended!

Too many texts!

Too small texts!

Copy and paste of texts by screen shot!

Too many data!

Data or figures without explanation!

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