

## 227-0662: Organic and Nanostructured Optics and Electronics

Time: Tuesdays 13:15-17:00

Location: RZ F21

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Lecturer: Professor Wood [vwood@ethz.ch](mailto:vwood@ethz.ch) ETZ J86

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Week 1: Introduction to Excitonic Materials & Devices	17.02.2015
Week 2: Synthesis of Nanocrystal Materials	24.02.2015
Week 3: Energy Levels & Excited States	03.03.2015
<i>Quiz on lecture 2; Final project topic selection</i>	
Week 4: Thin Film Device Manufacturing	10.03.2015
<i>Quiz on lecture 3; performing a literature review</i>	
Week 5: No class	17.03.2015
Week 6: Charge Transport, and Interfaces	24.03.2015
<i>Quiz on lecture 4; writing a scientific paper/report</i>	
Week 7: Organic & Quantum Dot Light Emitting Devices	31.03.2015
<i>Quiz on lecture 5; giving a scientific talk</i>	
Week 8: No class	07.04.2015
Week 9: Organic & Quantum Dot Solar Cells	14.04.2015
<i>Quiz on lecture 6</i>	
Week 10: Laboratory/Final Project Work	21.04.2015
Week 11: Laboratory/Final Project Work	28.04.2015
Week 12: Laboratory/Final Project Work	05.05.2015
Week 13: Laboratory	12.05.2015
<i>final paper due</i>	
Week 14: Final presentations	19.05.2015
Week 15: Final presentations	26.05.2015