

Preliminary schedule of Lectures and Exercise sessions. 2024

Thu, 29 Feb Lecture 1. Introduction. Chapter 1: What Is Light?

Wed, 6 Mar Exercise session (deadline Tue, 12 Mar)

Teacher:

Anton Kuzyk

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Thu, 7 Mar Lecture 2. Chapter 2: Photons and Life

Wed, 13 Mar Exercise session (deadline Tue, 19 Mar)

Teaching assistant:

Mohammed Al Hussain

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Thu, 14 Mar Lecture 3. Chapter 3: Color Vision

Wed, 20 Mar Exercise session (deadline Tue, 26 Mar)

Thu, 21 Mar Lecture 4. How Photons Know Where to Go

Wed, 27 Mar Exercise session (deadline Tue, 2 Apr).

Teacher:

Taylor Zachary

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Thu, 4 Apr Lecture 5. Optical Phenomena and Life

Wed, 10 Apr Exercise session (deadline Tue, 16 Apr)

Teaching assistant:

Joel Lamberg

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Thu, 11 Apr Lecture 6. Direct Image Formation

Wed, 24 Apr Exercise session (deadline Tue, 30 Apr)

18th Apr Valikoe (first half of the course, i.e., lectures 1-5.)

Thu, 25 Apr Lecture 7. Biophysical constraints and evolution of dim-light vision

Mon, 29 Apr Exercise session (deadline Tue, 7 May).

Teacher:

Gabriel Peinado Allina

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Thu, 2 May Lecture 8. Phototransduction and the primary rod visual pathway

Wed, 8 May Exercise session (deadline Tue, 14 May)

Teaching assistant:

Tiihonen Jussi

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Fri, 10 May Lecture 9. Chapter 7: Imaging as Inference

Wed, 15 May Exercise session (deadline Tue, 21 May).

Teacher:

Juho Pokki

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Thu, 16 May Lecture 10. Chapter 8: Imaging by X-Ray Diffraction

Wed, 22 May Exercise session (deadline Tue, 28 May).

Teaching assistant:

Linda Srbova

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Thu, 23rd May Q & A session (??).

6th June Valikoe (second half of the course, i.e., lectures 5-10)