

PROTEIN STRUCTURE PREDICTION AND DESIGN: HOW TO USE ALPHAFOLD AND OTHER AI METHODS FOR YOUR RESEARCH

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Dott. Riccardo Capelli

November 22-23-29 2023
December 13 2023

ROOM



PROGRAM

NOVEMBER 22, 2023

Room B6

- **9:30-11:30** Introduction to the problem of proteins structure prediction

NOVEMBER 23, 2023

Room B5

- **9:30-11:30** State-of-the-art uses of AlphaFold from current research

NOVEMBER 29, 2023

Room 403

- **9:30-11:30** First practical (use of web resources) & homeworks



PROGRAM

DECEMBER 13, 2023

Room B2

- **15:30-17:30** **Second practical (use of departmental resources) and homeworks**

**A final meeting will be schedule in January 2024
in agreement with all participants to discuss the results.**

**Students are required to bring their own laptop
(for the practical)
and possible a system of interest
(a protein or protein complex of unknown structure)**

