



Workshop

**PRINCIPLES OF
LIGHT-INDUCED
CHARGE TRANSFER
FOR OPTOGENETICS**



**“Principles of Light-Induced Charge Transfer for Optogenetics”
MODENA, IT | July 3-5 2023**

The workshop will bring together leading experts in the experimental and theoretical investigation of photoactive proteins that find application in the field of optogenetics.

The workshop will emphasize new results and point out new directions, challenges and opportunities in the following fields:

- Charge transfer processes in light-sensitive proteins,
- Excited state properties of biological matter,
- Photoreceptor thermodynamics and photocycle kinetics,
- Interplay between photoexcitation and protein conformations.

The workshop will take place in Modena (Italy) on **July 3-5, 2023**. It will consist of 5 half-day sessions, for a total of 2.5 days, starting in the afternoon of Monday, July 3.

Abstract submission is open. Participants have the possibility to contribute with an **oral presentation** or a **poster**. The deadline for abstract submission is **April 15, 2023**. Acceptance notifications will be sent by April 30, 2023.

Visit [CT4OPTO](https://ct4opto@nano.cnr.it) for further information or contact the organizers at ct4opto@nano.cnr.it.

Organizers:

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Rosa Di Felice | University of Southern California & CNR Nano Modena
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