



Physics of Light-Matter Coupling in Nanostructures - 2025

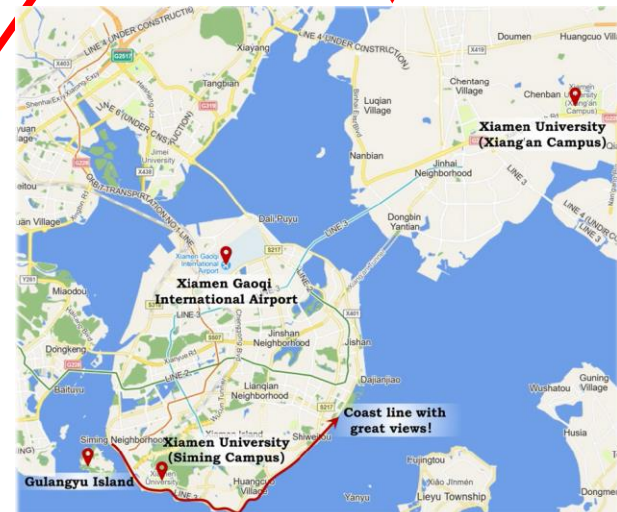
Xiamen University



Jan. 16, 2024



Xiamen on the Map



A resort city at the west side of the Taiwan Strait

Hong Kong ~600 km
Shanghai ~1000 km
London ~10000 km

Xiamen University

- ◆ Founded in 1921 by Tan Kah Kee, a great overseas Chinese
- ◆ One of the top universities in China
- ◆ Total enrollment of 45000 students
 - Undergraduate ~21000
 - Master ~19000
 - Ph. D. ~5000
 - International Students >2800
- ◆ Faculty members 3000





A foreigner-friendly campus

- More than 2800 international students
- On-campus dorms with sea view
- Delicious food:
 - ❖ 10 canteens on campus
 - ❖ A specialized Muslim restaurant serving Halal-certified food
 - ❖ Dozens of coffee bars



A foreigner-friendly campus

- Colorful cross-cultural campus life:
 - ❖ Xiamen International Marathon
 - ❖ Xiamen University Foreign Karaoke Contest
 - ❖ And many others...

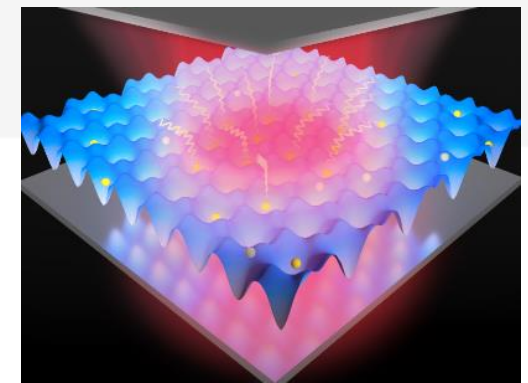


College of Physical Science and Technology

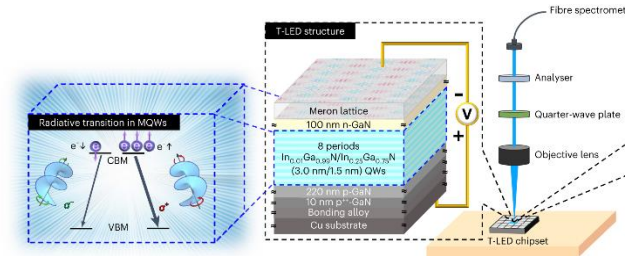
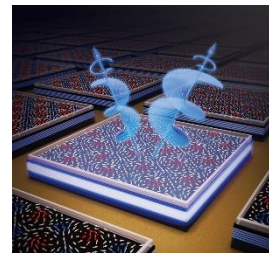
- ◆ The Physics branch, founded in 1923, is one of the earliest physics departments in China.
- ◆ Physics, Astronomy and Research Institute for Biomimetics and Soft Matter.
- ◆ 2 ministerial research platforms, 16 provincial, municipal and university-level platforms.
- ◆ 101 full-time faculties, 600 undergraduate students, 290 master and doctoral students, 16 postdoctoral researchers, 58 engineers and supporting staffs.

Research Activities

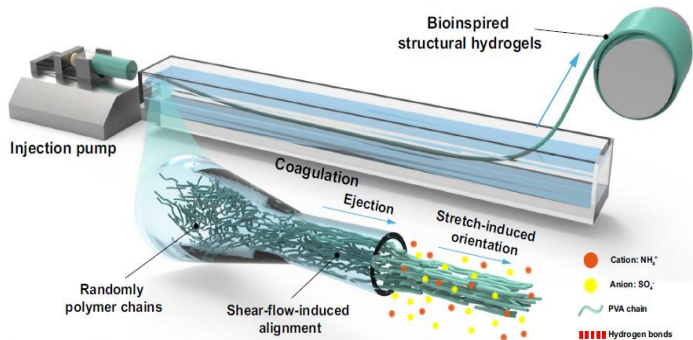
- Annual research budget between 2 to 5 million GBP
- 50 - 100 research papers in the top peer-reviewed journals
- 10 - 20 licensed patents



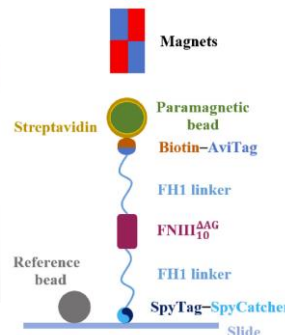
Quantum switch based on microcavity exciton polaritons
Nature 591, 61 (2021)



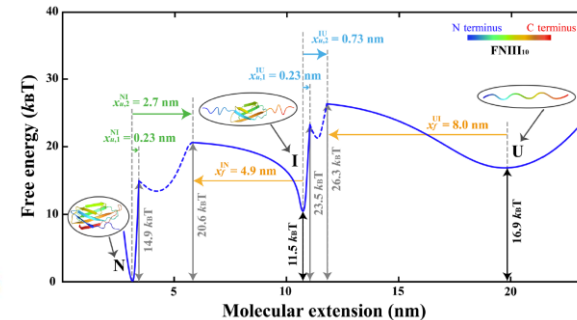
Topology-induced chiral photon emission
Nature Electronics 6, (2023)



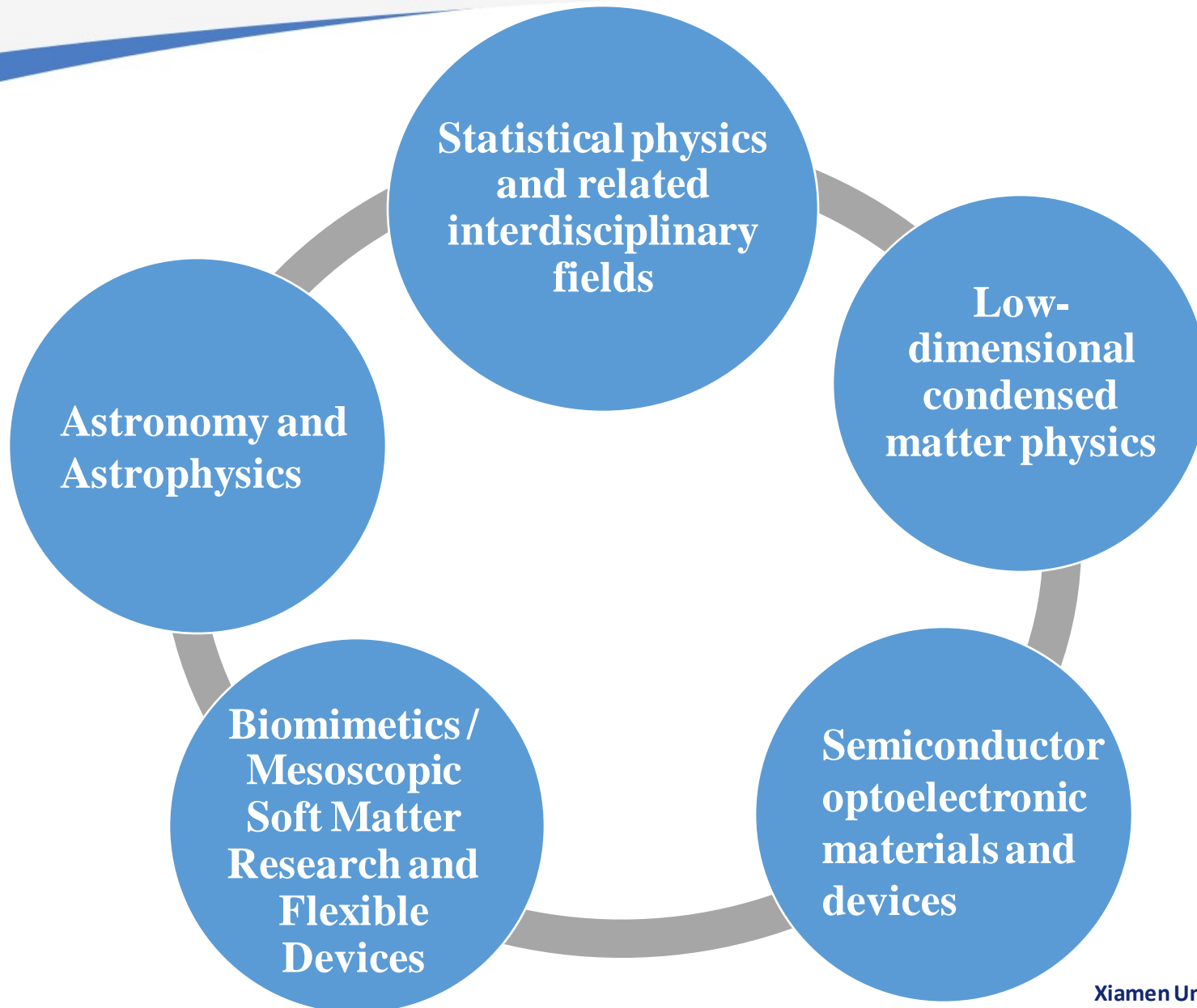
Bioinspired structural hydrogels
Nature Comm., 15 (2024)



Fibronectin domain with hierarchical symmetry
Phys. Rev. Lett. 131 (2023)



Research Groups



Exchange & Summer programs



XMU exchange students at Trier University



XMU exchange students at the College of Charleston



Summer School at UIUC



University of Michigan
Summer School at XMU



Welcome to Xiamen!

