



Your Research Partner for Photonics Solutions

CENTRE FOR
ADVANCED PHOTONICS
& PROCESS ANALYSIS

CAPPA

Innovation Through Light

Who We Are

CAPPA – Centre for Advanced Photonics & Process Analysis

CAPPA is a research centre of **Cork Institute of Technology (CIT)**, conducting both applied and fundamental research on photonics for applications in areas as diverse as telecommunications, medical devices, food and pharmaceutical manufacturing. The group is co-located both in CIT's Bishopstown campus and in the **Tyndall National Institute** through the CIT@Tyndall partnership.

Innovation for Industry – CAPPA provides photonics solutions to companies in sectors such as photonics, medical devices, food and pharma, on scales from short-term consultancy to multi-year collaborative projects.

Advanced Research – CAPPA conducts internationally-recognised academic research on topics such as the non-linear dynamics of lasers and ultrafast laser physics, and the understanding of the dynamics of novel semiconductor materials and devices.

34 PEOPLE

23 RESEARCHERS
11 POSTGRADUATE STUDENTS



€8 MILLION

FUNDING AWARDED IN LAST 5 YEARS

20 PROJECTS

BIGGER THAN €20K
CURRENTLY ACTIVE



COLLABORATING WITH

11 OF THE TOP 100

UNIVERSITIES INTERNATIONALLY

75 PAPERS

PUBLISHED IN PEER-REVIEWED
JOURNALS IN LAST 5 YEARS



ENGAGED WITH

OVER 60 COMPANIES

IRISH, EUROPEAN AND INTERNATIONAL
IN THE LAST 5 YEARS



**CORK
INSTITUTE OF
TECHNOLOGY**

INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

- **CREATE Building**
- **4 Labs, ~180 m²**



- **Photonics Centre**
- **3 Labs, ~150 m²**

