



Who We Are

CAPPA – Centre for Advanced Photonics & Process Analysis

CAPPA is a research centre of **Munster Technological University (MTU)**, 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 MTU's Bishopstown campus and in the **Tyndall National Institute** through the MTU@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



€€€€€ €10 MILLION
€€€€€ FUNDING AWARDED IN LAST 5 YEARS

20 PROJECTS
BIGGER THAN €100K
CURRENTLY ACTIVE



COLLABORATING WITH
11 of the Top 100
UNIVERSITIES INTERNATIONALLY

90 PAPERS
PUBLISHED IN PEER-REVIEWED
JOURNALS IN LAST 5 YEARS



ENGAGED WITH
OVER 60 COMPANIES
IRISH, EUROPEAN AND INTERNATIONAL
IN THE LAST 5 YEARS



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



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



MTU
Ollscoil Teicneolaíochta na Mumhan
Munster Technological University

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