

# NanoSYD



The Faculty of Engineering

# RESEARCH

## **Organic nanofibers**

A new class of nanoscaled materials that allow for both fundamental studies at the nanoscale and improvement of novel devices

## **Plasmonic hybrids**

First demonstrations of the integration of organic nanostructures with plasmonic surfaces for next generation IT and efficient energy devices

## **Flexible solar cells**

Development and improvement of solar cells based on polymers and small molecules



# EDUCATION

## **Mechatronics**

*BSc, MSc and BEng*

## **Innovation & Business**

*BSc and MSc*

## **Physics & Technology**

*BSc*



# SIGNIFICANT PROJECTS

## **RollFlex**

An innovation project center for Roll-to-Roll processed flexible devices

## **Power Electronics for Green Energy Efficiency**

Innovation via new materials

## **Thinface**

A training initiative for the design of next-generation energy devices  
(Thin-film Hybrid Interfaces)



# CONTACT

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