

Academic Partnership Brief

The Future Technologies Institute is an independent institute for advanced materials research and technical education, founded in Montenegro and timed to the country's accession to the European Union. It has two wings: the Future Technologies Academy, a permanent training engine for the advanced-manufacturing workforce, and the Advanced Materials Lab, an applied research unit for carbon nanotubes and nanomaterials. The Institute grows alongside Lightseed Technologies and the Future Carbon Fibre Hub of Europe, an automated composite-manufacturing initiative on the Adriatic coast.

The Advanced Materials Lab

The Lab is positioned as an application and integration laboratory: characterisation of carbon nanotubes and their integration into resins, composite systems, and functional coatings. It deliberately does not pursue synthesis, which is already industrially established in the region; its work begins where material meets application, with a working production line next door as its testbed.

What we seek from academic partners

- A joint research programme in CNT characterisation and composite integration;
- Co-supervision of research staff and method transfer during the Lab's formation;
- A first joint project within twelve months of the Lab's establishment.

What the Institute offers

- An application testbed adjacent to automated composite production, with a real industrial material stream;
- A domestically owned structure eligible for EU research, industrial, and just-transition instruments;
- An Adriatic location inside the European Union's next member state.

The Institute is in formation. Expressions of interest from universities and research groups carry no commitment and are welcome at office@futuretechinstitute.me.