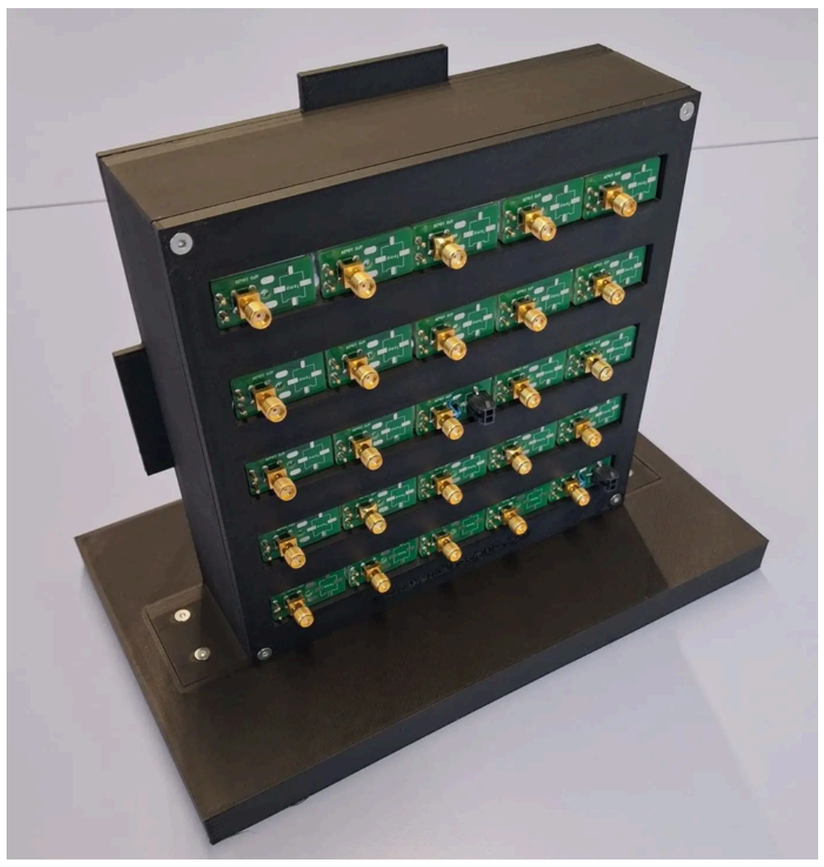
Custom Radiation Detection & Scientific Instrumentation

At Neutron Insights, we design and develop custom radiation detection and scientific instrumentation systems, combining detector physics, sensor materials, photodetectors, electronics, signal processing and experimental validation.

- Detector design
- Scintillator and radiation-sensitive material integration
- SiPM / photodetector integration
- Detector arrays
- Analog electronics
- Multichannel acquisition
- Signal processing
- Mechanical integration
- Characterization
- Prototype development

We don't sell standard detectors. We develop custom detection solutions tailored to your experiment, materials and measurement requirements.

Our products



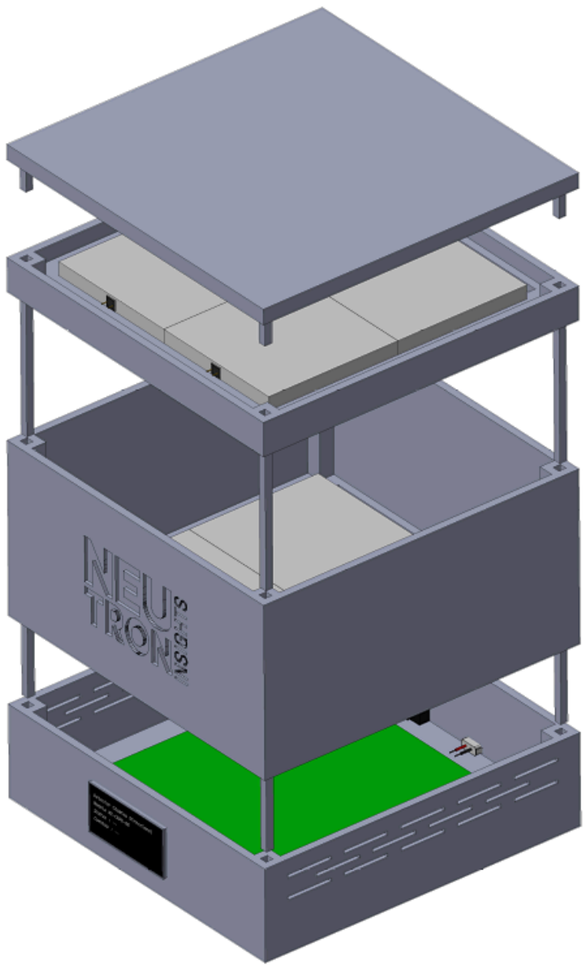
NI-GCPD-A26
25 × 25 CsI(Tl) detector array

High-density scintillation detector array integrating CsI(Tl) scintillators, photodetectors and multichannel readout electronics.

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Neutron imaging systems

Custom neutron detection and imaging solutions combining neutron-sensitive detection materials, detector architectures, electronics and image acquisition.



NI-CRPD-A26
Directional cosmic-ray detector

Directional cosmic-ray detection system based on two parallel detector planes, designed for particle detection and directional measurements.



CORNEA
Solid-state neutron detector

Neutron detector based on boron-enriched scintillation media and SiPM readout, developed for compact and autonomous neutron sensing applications.

Have a detector requirement that doesn't fit an off-the-shelf product? Let's discuss it.

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