Corporate presentation

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Hamamatsu Photonics: A Driver in the Industry

« Our Technology capacity and scale by the numbers »

- 7 Manufacturing Facilities
- 5,035 Employees
- 3 R&D Centers
- 15,000 Products
- 1.325 Billion
- 9% R&D Expense
- Since 1953
- 1995 Entry in Tokyo Stock Exchange

United Nations Global Compact
- Human Rights
- Labour Standards
- Environment
- Anti-Corruption

*Figures taken in 2019
Our Diverse Markets
Our Know-How

- Wafer Processing
- Assembling & Packaging
- Vacuum Tube Mastery
- Systems
- PPB & Uniform Targeted Quality
- Technology is at the Heart of What We Do
The Experiments with MPPCs

2008

T2K experiment
Near detector (ND280)
- High intense \( \nu \) beam

MEG II experiment
Liquid Xe \( \gamma \) ray detector
- Designed for cryogenic condition (Liq.Xe)
- High PDE for VUV (175nm)

New MPPCs will be used for ND280 upgrade

2014

2018

LHCb SciFi Tracker
- 128ch custom MPPC array
- Coupling with fiber array

S10362-13-050C
- Coupling with WLS fiber
- High PDE for WLS emission

S10943-4372

S13552
The Experiments with PMTs

In general, PMT in Neutrino experiments is used with water, ice or liquid scintillator to detect Cherenkov light/scintillation light by interaction with neutrino.

Super Kamiokande: 11,200 pcs of 20-inch PMT were settled in Super-K tank.

IceCube: 5,160 pcs of 10-inch were deployed in south pole.

KamLAND: ~2,000 pcs of 17-inch/20-inch were used for KamLAND Project.
Our Sales & Service

A UNIQUE APPROACH TO EACH CUSTOMER

- Talented & Skillful
- Local Maintenance Capability
- Security Training
- Showroom & Local Feasibility Testing
- Return Merchandise Authorization Follow-up