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Latest improvements of the Hamamatsu MPPCs

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In the year 2014 a new generation of low cross-talk MPPCs has been introduced. Due to further improvements in the manufacturing processes, it is now possible to commercially offer MPPCs, which combine low cross-talk and low after pulse features with a significantly increased photo-detection efficiency (PDE). Besides the capability to manufacture large sized MPPC arrays with high element fill factor, we are now able to modify the metal film quenching resistor according to the customer's requirements. In addition, new high UV sensitive MPPCs are fabricable by applying special coating technologies.

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