

Jonathan Mifsud

Student

Department of Electronics

Malta College of Arts, Sciences and
Technology (MCAST)

Speciality : Pyrotechnics

Personal Profile

Jonathan is a keen enthusiast of fireworks displays.

He hails from the village of Mqabba in Malta, a village synonymous with this artwork.

In Malta, Fireworks displays are a common part of summer evening celebrations for village as well as national feasts, such as the entry of Malta into the EU.

Jonathan is a member of a village band club, one of whose activities is the developing of the village festa fireworks displays.

Due to this, Jonathan felt that he would like to dedicate his final diploma year project at his college to his favourite pastime.

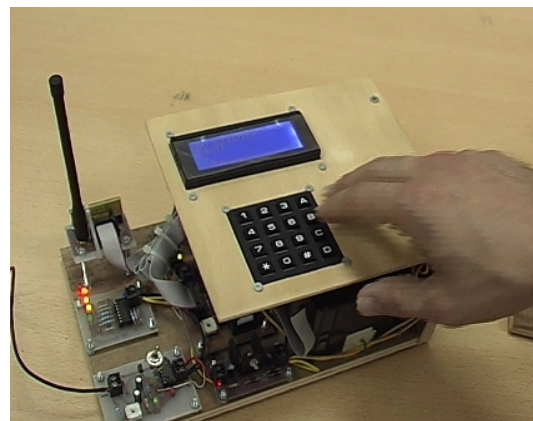


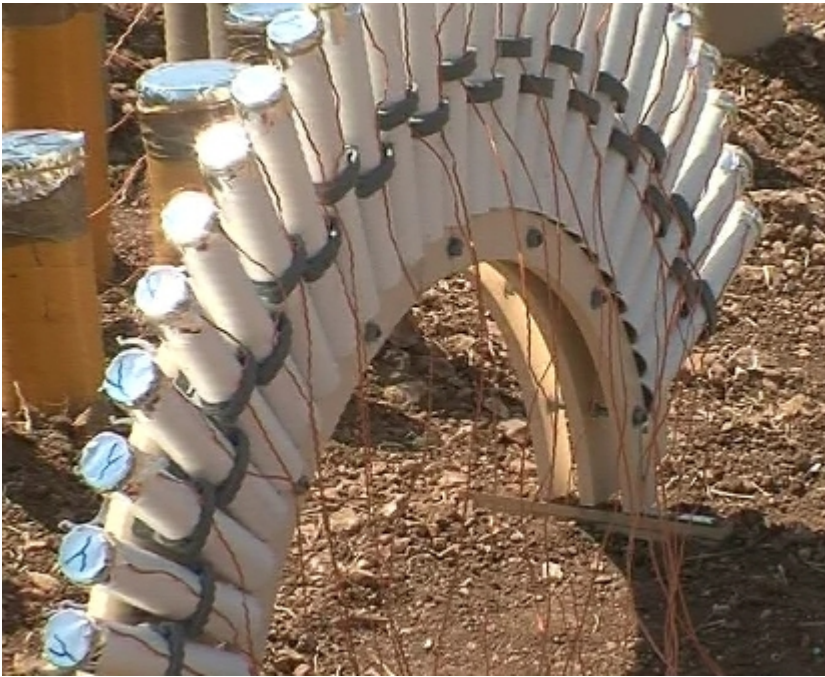
Research Profile

Jonathan developed an automatic discharge module for regulating the automatic release of fireworks charges.

This device has a key-code safety feature to prevent unauthorized access to the dangerous materials producing such beautiful displays.

The apparatus also features a mechanism to allow the automatic release of charges in time with music – something relatively new on the local pyrotechnics scene.





Relevant Links or info

Further information about the Malta College for the Arts Sciences and Technology Institute of Electric and Electronics Engineering, can be viewed here http://www.mcast.edu.mt/institutes_electricalandelectronicsengineering.asp

Furter information regarding the Mqabba festa activities can be viewed here <http://www.freewebs.com/stmarymqabba06/>