

## The T-Exchange SCIO Application - Supplementary Information.

### Past and Future Programme

#### Introduction

The T-Exchange was formed in December 2011 and constituted as an unincorporated association in February 2012. Our constituted aims over these five years are essentially the same as in our revised constitution submitted with this SCIO application.

#### Meetings programme

Our meetings have evolved into a format consisting of a short “Blog Spot” when any member can address the meeting on any STEAMIE subject. The members then attend 'Focus Tables', from six to eight in number, where groups of members concentrate on a particular topic. By way of an example the 2014 programme is listed below.

19th December Meeting - Focus tables and Electronics for Starters at 'Early Bird' Table  
21st November Meeting - Focus tables and getting winter projects under-way  
7th October Meeting - Blog Spot on 3D computer modelling and Focus Tables  
19th September Meeting - Checking out activities for 'Science & Ingenuity Fair'  
15th August Meeting - The Usual Focus Tables  
18th July Meeting - The Usual Focus Tables  
20th June Meeting - Blog Spot on 3D printer developments and Focus Tables  
16th May Meeting - Blog Spot on Raspberry Pi and Focus tables  
18th April Meeting - Blog Spot on Raspberry Pi and Focus tables  
21st March Science and Engineering Week – Public Open Evening  
21st February Annual General Meeting plus Focus tables  
17th January Meeting - Blog Spot on Arduino plus Focus tables.

#### Typical projects

Team build of a Mendel 90 3D printer – completed  
3D printing of replacement parts for public needs - continuing  
Design and build of a digital *camera obscura* for Forres Heritage Trust – in progress  
Rebuild of two 3D printers owned by the public – completed  
Conception of a new plastic forming process for a local artist – completed  
Conception and demonstration of software for digital Schlieren photography – completed  
Conception, design and build of a novel multi-headed 3D printer – in progress  
Team build of an extruder for recycling plastic waste into 3D printer feedstock – in progress

#### Public events programme

The 2017 confirmed programme at which we are major participants.

Strathpeffer Science Festival 18<sup>th</sup> March  
Moray Science Festival – Family's Day Saturday 25<sup>th</sup> March  
Inverness Science Festival – Sat 29<sup>th</sup> April  
Piping at Forres Fair – Sat. 24<sup>th</sup> June  
Orkney International Science Festival 7<sup>th</sup> to 13<sup>th</sup> September  
Culture Day, Forres – Saturday 23<sup>rd</sup> September

This is very similar to the programme we had in 2016

W.R Graham  
Chairman  
The T-Exchange 1<sup>st</sup> February 2017