Monday 11 September

10.00 - 12.00 pm King Street Halls, Kirkwall
THE GENOMICS OF MS IN ORKNEY
Orkney and Scotland's leading experts explore the genetic underpinnings of multiple sclerosis, offering insights into its causes, and what our future might look like.

12.30 - 1.30 pm King Street Halls, Kirkwall
GENES THAT LENGTHEN LIFE
Professor Peter Hattersley of the University of Edinburgh, who was a key researcher in the 1960s, will share his thoughts on the genetics behind the disease — and what her current research is revealing about the future.

2.00 - 3.00 pm King Street Halls, Kirkwall
THE GENOMICS REVOLUTION AND YOU
Join Dr Steve Scott of the Wellcome Genome Campus in Cambridge, who built it, looks back at the human side of the achievement and reflections on a life in science. Tickets £5 & £3.

5.15 - 6.15 pm King Street Halls, Kirkwall
BIG BILL AND THE GUNS OF ALAMEIN
Richard Stearman, the author of "Big Bill and the Guns of Alamein," discusses the possibilities with writer Pippa Goldschmidt.

Wednesday 13 September

8.00 - 9.00 pm Kirkwall Town Hall
Juniper Waterfall School: THE CHOICE OF THE BARLEY
For centuries, the Growers of the Orkney Islands have chosen their own seed and harvested their own crops. Today, they are faced with the choice of using new barley varieties, fostering new relationships, and a modern barley seed.

9.30 am - 12.30 pm Highland Park Distillery, Kirkwall
THE SCIENCE OF THE SHROUD
Dr. Edvard Kobal and Prof. Peter Raspor mark 20 years of friendship between the Festival and the Slovenian Science Foundation by looking at the role of science in the discovery of the Shroud of Turin. Tickets £5 (IBD members free), £5. Over-18s only.

9.00 - 10.00 pm King Street Halls, Kirkwall
THE TIDES OF USHANT
Brendan Devlin, energy adviser to the Orkney Islands Council, looks at the importance of renewable energy for the islands across Europe and the opportunities that lie ahead.

11.30 am - 12.30 pm King Street Halls, Kirkwall
THE MEN IN MAESHOWE
Dr. Eric Walker, Marie Stanton and Colin West provide expert insight into the construction of Maeshowe, the vital flow of information to the Allied artillery with extraordinary skill and efficiency in different types of wind instruments, and how insights into their work, environment. But, says Brendan Devlin, energy adviser to the Orkney Islands Council, looks at the importance of renewable energy for the islands across Europe and the opportunities that lie ahead.

10.00 - 11.00 am King Street Halls, Kirkwall
A BRIEF HISTORY OF LIFE
In the eyes of Dr. Marko Frelih of the Slovene Ethnographic Museum, the Shroud of Turin has provoked more tantalising, and possibilities of whole new horizons.

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12.30 - 1.30 pm King Street Halls, Kirkwall
FAVOURITE THINGS: THE LANGUAGE OF GROWTH
In his talk, Dr. Edvard Kobal and Prof. Peter Raspor mark 20 years of friendship between the Festival and the Slovenian Science Foundation by looking at the role of science in the discovery of the Shroud of Turin. Tickets £5 (IBD members free), £5. Over-18s only.

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3.30 - 4.30 pm Supper Room, Town Hall, Kirkwall
Vidmar of the Royal Observatory of Edinburgh discusses the possibilities with writer Pippa Goldschmidt.

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2.00 - 3.00 pm King Street Halls, Kirkwall
THE JOURNEY TO ALAMO
Dr. Spencer Shirey, Dr. Marko Frelih and Dr. John Friesen share their insights into the history of Croatia and its cultural identity, with a focus on the idea of American and Canadian identity.

5.15 - 6.15 pm King Street Halls, Kirkwall
GHOSTS FROM THE DEEP
The Orkney Museum displays the physics of polarised light.

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6.30 - 7.30 pm Suir Fiddlers, and Lewis Hou's fiddle and dance steps, for would-be-Italian fiddlers and beginners.

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8.00 - 8.30 am  Town Hall, Church Road, Stromness
8.30 - 9.00 am  Baptist Church, Kirkwall
9.00 - 9.30 am  Baptist Church, Kirkwall
9.30 - 10.00 am  MacGillivray Room, Library, Kirkwall
10.00 - 11.00 am  Baptist Church, Kirkwall
11.00 am - 12.00 pm  Baptist Church, Kirkwall
12.00 - 1.00 pm  Baptist Church, Kirkwall
1.00 - 4.00 pm  Pier Arts Centre, Stromness
2.00 - 3.00 pm  MacGillivray Room, Library, Kirkwall
3.30 - 4.30 pm  Baptist Church, Kirkwall
4.30 - 5.00 pm  Baptist Church, Kirkwall
5.00 - 6.00 pm  Baptist Church, Kirkwall
6.00 - 6.30 pm  St Magnus Cathedral, Kirkwall
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