



TIMETABLE

Monday 19 March 2018



9:15

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9:45

Keynote 1

Programming Jellies

Prof.dr.ir Stefan Bon

9:50

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10:20

Keynote 2

Sex, Drugs & The Life of Flies

Prof. Kevin Moffat

10:20

10:40

Break

10:40

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11:50

Biological Stream

Chemistry Stream

Physical Stream

Flies Degenerate For
a Good Cause

Prof. Kevin Moffat

Swimming on the Microscale?

Prof. Stefan Bon

A Song of Atoms and Ice

Dr. Gabriele C Sosso

Understanding the Building
Blocks of Life

Dr. Ann Dixon

The Sixth Element

Dr. Jon Rourke

Superconductors and

Levitating Frogs

Dr. Rachel Edwards

Renewable Chemicals from
Lignin Degradation

Prof. Tim Bugg

Electrochemistry

Prof. Patrick R Unwin

The Higgs Boson:

So What?

Prof. Bill Murray

11:50

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12:20

Break

12:20

-

12:50

BLOODHOUND

The Science Behind BLOODHOUND SSC – 1000 mph World Land Speed Record Car

12:55

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13:25

ROLLS ROYCE

My Route Into STEM

13:30

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14:45

Lunch

Widening Participation / Student Finance Talk

14:45

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15:30

Biological Stream

Chemistry Stream

Physical Stream

Become Smarter! Ask Me
How!

Prof. Bruno Frenguelli

Microbial Weapon Factories:
Understanding How Nature

Makes Antibiotics

Dr. Matthew Jenner

Electricity From Sunlight
Using Organic Molecules

Dr. Ross Hatton

X-rays and Brain Smoothies

Kharmen Billimoria

Saving The World
and Space Cars

Évé Wheeler-Jones

Laser Chemistry
Studying Reactions on

Ultrafast Timescales

Sam Trouton

15:30

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15:50

Break

15:50

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16:20

Keynote 3

How To Make Life In A Beaker

Prof. Peter Sadler

