

Monday 16th of April

12:00-12:30 **Registration, and setup posters**

Edinburgh Centre for Carbon Innovation
High School Yards, Edinburgh EH1 1LZ

12:30-13:30 **Lunch**

13:30-15:00 **Session 1: Dynamic and plastic clocks.** Opening remarks and chair: Andrew Millar

13:30-14:00 Alex Webb: *Dynamic adjustment of Arabidopsis circadian oscillators*

14:00-14:30 Alice Minotto: *CyVerse UK: a platform for collaborative life science in the UK*

14:30-15:00 Seth Davis: *Quantitative variation in the plant circadian clock: Analytic determinants of growth and development*

15:00-15:30 **Coffee break**

15:30-16:30 **Invited talk: Cynthia Weinig** Chair: Gerben van Ooijen

Quantitative variation in the circadian clock affects fitness in complex natural environments

16:30-17:00 **Flash talks. All poster presenters: 1 slide in 2 mins.** Chair: Gerben van Ooijen

1) James Ronald, 2) Paula Avello, 3) Samantha Cargill, 4) Rachael Oakenfull, 5) Carmen Marti Ruiz, 6) Helen Feord, 7) Seth Davis, 8) David Cuitun Coronado, 9) Olivia Nippe, 10) Andrew Millar, 11) Virginie Mengin, 12) Amy Newman, 13) Argyris Zardilis, 14) Maria Grazia Annunziata.

17:00-18:45 **Posters and drinks**

any time **Check-in to accommodation** (available from 14:00, close to restaurant)

before Kenneth McKenzie House Hotel
dinner 7 Richmond Place, Edinburgh EH8 9ST

19:00 **Dinner at Spoon**

6a Nicolson Street, Edinburgh EH8 9DH

Tuesday 17th of April

9:00-10:30 **Session 2: Parameterisation of clocks.** Chair: Isabelle Carré

09:00-10:00 David Rand: *Modelling & measuring the stochasticity in circadian clocks*

09:30-10:00 Tomasz Zielinski: *BioDare2*

10:00-10:30 Uriel Urquiza: *A Mathematical Model in Absolute Units for the Arabidopsis Circadian Oscillator*

10:30-11:00 **Coffee**

11:00-12:30 **Session 3: Clocks, growth, and the environment.** Chair: Cynthia Weinig

11:00-11:30 Isabelle Carré: *Circadian regulation of ABA biosynthesis and downstream responses*

11:30-12:00 Johanna Krahmer: *The role of phytochrome in growth and metabolism*

12:00-12:30 Antony Dodd: *Circadian regulation and agrochemicals*

12:30-13:30 **Lunch**

13:30-15:00 **Session 4. Clocks and light.** Chair: Antony Dodd

13:30-14:00 Gabi Toledo-Ortiz: *Post-transcriptional light and circadian regulation of the chloroplast genome*

14:00-14:30 Matt Jones: *PAP extends circadian period in response to osmotic stress*

14:30-15:00 Hugh Nimmo: *Light piping sets the Arabidopsis root circadian clock via a novel mechanism*

15:00-15:30 **Coffee; take down posters!**

15:30-17:00 **Session 5. Alternative model organisms.** Chair: José Jimenez-Gomez

15:30-16:00 Gerben van Ooijen: *Fundamental regulatory roles of ion transport in cellular circadian clocks*

16:00-16:30 Dora Luz Cano Ramirez: *Marimo circadian clocks*

16:30-17:00 Andrew Millar: *A Phospho-Dawn of plant protein modifications anticipates light onset*

17:00-17:30 **Drinks**

17:30-18:30 **Invited talk: Jose Jimenez-Gomez** Chair and closing remarks: Andrew Millar
Domestication decelerated circadian rhythms during tomato domestication

19:00 **Dinner at The Holyrood 9A**

9a Holyrood Road, Edinburgh EH8 8AE