

Pulsations in Intermediate-mass, Massive and/or Multiple Stars
30 March – 3 April 2020

PRELIMINARY PROGRAMME

Monday, 30 March 2020

09.30-10.30 *Welcome*

10.30-11.30 *Binary star evolution* - Rob Izzard - University of Surrey (UK)

12.30-14.00 Lunch

14.00-15.00 *Seismology of solar-like stars* - Charlotte Gehan - Instituto de Astrofísica e Ciências do Espaço, Universidade do Porto (Portugal)

15.00-16.00 *Seismology of classical pulsators* - Dominic Bowman - KU Leuven (Belgium)

Tuesday, 31 March 2020

10.00-11.00 *Eclipsing binaries* - Pierre Maxted - Keele University (UK)

11.00-12.00 *Phase modulation and quiet black holes in binary systems* - Hiromoto Shibahashi - University of Tokyo (Japan)

12.30-14.00 Lunch

14.00-15.00 *Tides and dissipation* - Gordon Ogilvie - University of Cambridge (UK)

15.00-16.00 *Tidally-excited oscillations* - Zhao Guo - Penn State (USA)

Wednesday, 1 April 2020

10.00-11.00 *Inversion techniques for asteroseismology* - Gael Buldgen - Observatoire de Geneve (Switzerland)

11.00-12.00 *Machine learning for stellar physics* - Gregor Traven - Lund Observatory (Sweden)

12.30-14.00 Lunch

14.00-15.00 *Mass transfer* - Onno Pols - Radboud University Nijmegen (Netherlands)

Thursday, 2 April 2020

10.00-11.00 *Galactic archaeology* - Andrea Miglio - University of Birmingham (UK)

12.30-14.00 Lunch

14.00-15.00 *Thermohaline convection* - Richard Stancliffe - Hull University (UK)

15.00-16.00 *Seismology of rotating stars* - Giovanni Mirouh - University of Surrey (UK)

Friday, 3 April 2020

10.00-11.00 *Sub-dwarf B stars and their pulsations* - Holly Preece - Max-Planck-Institut for Astrophysics (Germany)

11.00-12.00 *Neutron stars* - Arnau Rios-Huguet - University of Surrey (UK)

12.00-12.30 *Concluding remarks* - Simon Jeffery - Armagh Observatory (UK) and Trinity College Dublin (Ireland)

12.30- Lunch