Adventures in the Goldilocks Zone: the search for other earths

Professor Frazer Pearce
Professor of Physics, Faculty of Science

British Astronomical Association
June 2022

Free, for more information:
www.nottingham.ac.uk/go/sci-lecture
Year 0:
Jupiter forms

Year 70,000:
Jupiter migrates inwards

Year 100,000:
Saturn migrates to 3:2 resonance
formation of terrestrial planets

Year 300,000:
outward migration

Year 500,000:
end of “Grand Tack”

Year 600,000 to present:
after “Nice scenario”
Adventures in the Goldilocks Zone: the search for other earths

Professor Frazer Pearce
Professor of Physics, Faculty of Science

British Astronomical Association
June 2020

Free, for more information:
www.nottingham.ac.uk/go/sci-lecture