

NOMINATION FORM OF NEW BOARD MEMBERS OF THE EPS PLASMA PHYSICS DIVISION

I, David Burgess

Title and full name: Prof. David Burgess

Postal address and e-mail:

School of Physics and Astronomy
Queen Mary University of London
Mile End Road
London E1 4NS, UK

D.Burgess@qmul.ac.uk

Primary field of research: Space and astrophysical plasma physics

Member* of: European Astronomical Society (to be confirmed)

HEREBY NOMINATE

Title and full name: Prof. David Burgess

Primary fields of research (less than 20 keywords): Space Plasma physics, Plasma astrophysics, solar plasmas, computational plasma physics, collisionless shock waves, plasma turbulence and instabilities.

Full postal address and e-mail:

School of Physics and Astronomy
Queen Mary University of London
Mile End Road
London E1 4NS, UK

D.Burgess@qmul.ac.uk

Short Statement (less than 100 words):

I have worked for many years in space physics and astrophysics. My main areas of research are collisionless shocks, turbulence and particle acceleration, using simulations and data analysis. Plasma physics is a broad and disparate discipline, and I have first-hand experience of how different areas within plasma physics can overlap. Spacecraft data gives a detailed view of natural plasmas, which helps us understand basic and fundamental plasma processes, and which can inspire laboratory experiments relevant to astrophysical plasmas. My aim will be to contribute to supporting links within this broad community of researchers.

FOR THE EPS PLASMA PHYSICS DIVISION BOARD.

Date: June 23. 2020.

* : EPS Individual Member, member of the EPS member society ..., member of the EPS associate member ... or member of the collaborating society ...