

**EPIC Electric Propulsion Lecture Series 2018**  
**Queen Mary University London, Mile End Road, London E1 4NS**

**Day 1 – Thursday 18<sup>th</sup> October**

<b>08:45</b>	<b>Registration &amp; Coffee</b>	
09:10	Lecture Series Welcome	Nick Cox, UK Space Agency
09:15	Introduction to QMUL and the 2018 Event	Professor John Stark, QMUL
09:20	The EPIC Educational Activities and Objectives	Jorge Lopez Reig, CDTI
09:30	An Overview of Electric Propulsion Technology	Jose Gonzalez Del Amo, European Space Agency
10:15	A History of T6 & Gridded Ion Engine Capability in the UK	Jaime Perez, QinetiQ
<b>11:00</b>	<b>Coffee Break</b>	
11:30	Pulsed Plasma Thrusters	Steve Gabriel, University of Southampton
12:15	MPD (MagnetoPlasmaDynamic) Thrusters	Georg Herdrich, University of Stuttgart
<b>13:00</b>	<b>LUNCH</b>	
14:00	Bepi-Colombo and the Application of the T6	Neil Wallace, European Space Agency
14:45	Colloids	John Stark, QMUL
<b>15:30</b>	<b>Coffee Break</b>	
16:00	Hall Thrusters	Jean-Paul Boeuf, CNRS Labs
16:45	Spacecraft Charging	Colin Forsyth, UCL
<b>17:30</b>	<b>End of Day 1</b>	



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**Day 2 - Friday 19th October 2018**

<b>09:00</b>	<b>Registration &amp; Coffee</b>	
09:30	Welcome Remarks for Day 2	Nick Cox, UK Space Agency
<b>09:45</b>	<b>Keynote Speech</b>	
	<b>Alan Bond, Reaction Engines</b>	
10:15	Plasma Physics & Plasma Instabilities in EP Devices	Aaron Knoll, Imperial College London
11:00	Integrated Microwave Propulsion Architecture for Telecom Satellites	Angelo Grubisic, University of Southampton
<b>11:45</b>	<b>Coffee Break</b>	
12:00	Surrey Space Centre Capabilities and Facilities	Andrea Luccafabris, Surrey Space Centre
12:45	Industrial Requirements for EP Systems	Steven Austin, Thales Alenia Space UK (TBC)
<b>13:30</b>	<b>Closing Remarks, John Stark</b>	
<b>13:35</b>	<b>End of Event</b>	