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# Lichfield Science & Engineering Society

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LICHFIELD **GARRICK**  
*Theatre & Studio*

PRESIDENT  
Dr Zsuzsanna Nagy  
MD, MA, DPhil

**8:00 pm on Wednesday 14<sup>th</sup> September 2016**  
**in the Studio Theatre of the Lichfield Garrick, Castle Dyke, Lichfield**

## **THE NEW SCIENCE OF ASTROBIOLOGY AND THE SEARCH FOR LIFE IN THE UNIVERSE.**

**Professor Ian Crawford**  
University of London

Professor Crawford will summarise the new interdisciplinary science of astrobiology -- the search for life in the universe. The talk will begin by describing the planetary and evolutionary context of life on Earth, and then discuss the implications of this perspective for searching for life on Earth. Building on this perspective, Professor Crawford will then discuss the prospects for finding life, or evidence for past life, elsewhere in our Solar System, for example on the planet Mars and icy moons of the outer solar system, before moving on to consider the potential habitability of planets recently discovered orbiting other stars.

Ian Crawford is an astronomer turned planetary scientist, and is currently Professor of Planetary Science at Birkbeck College, London. He is presently also Senior Secretary of the UK's Royal Astronomical Society. The main focus of his research is in the area of lunar exploration, including the remote sensing of the lunar surface and the laboratory analysis of lunar samples. Ian also has strong interests in the new science of astrobiology, the study of the astronomical and planetary context of the origin and evolution of life, and in the long-term prospects for interstellar space travel.

For further information, please see our website at [www.LSES.org.uk](http://www.LSES.org.uk)  
Students and Members Free.  
Visitors £5.00. Tickets are not issued in advance, please pay at the door.  
Members must sign in. Those signing in before 7:50 pm will have precedence over all visitors.  
This lecture is expected to finish by 10.00 pm.