



The Geological Society of London:
East Midlands Regional Group



Roving on the Red Planet

Recent discoveries and future plans with the Curiosity Rover on Mars

With

Professor John Bridges

University of Leicester/Space Research Centre/ Team Member of NASA Mars Science
Laboratory mission

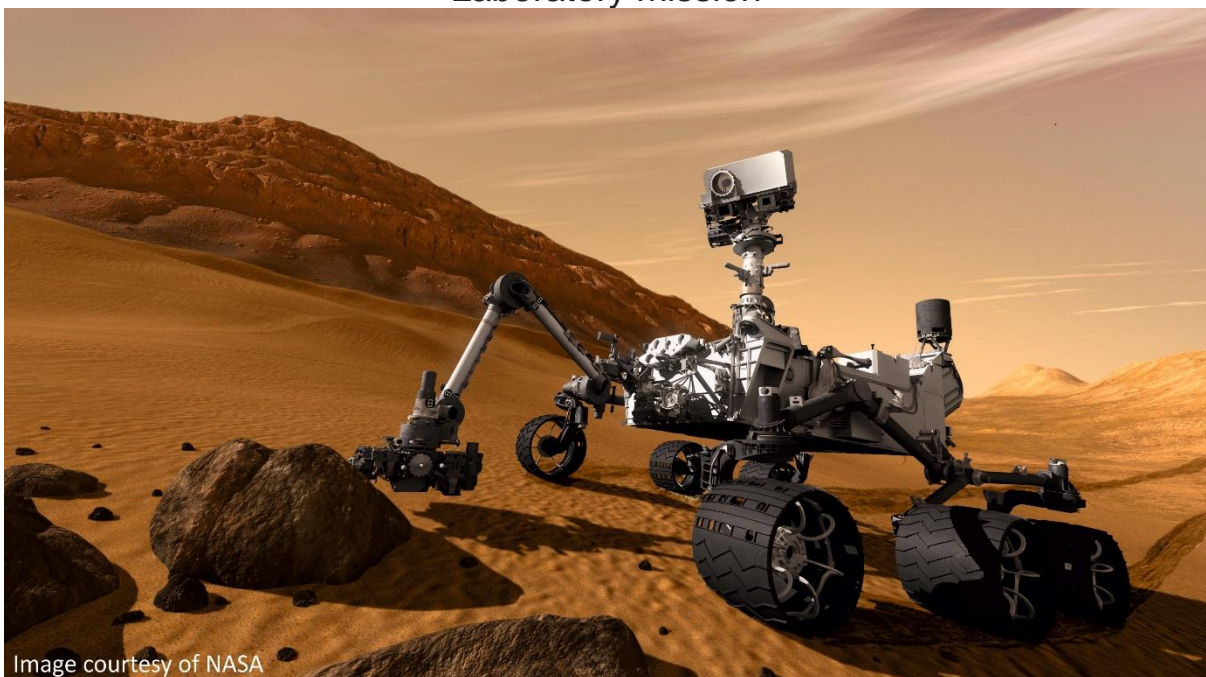


Image courtesy of NASA

For 1000 Martian days the Curiosity Rover has explored Gale Crater on Mars. Curiosity's findings have resulted in the identification of a river bed, an ancient delta and lake deposits. All of these are located in the foothills of Mt. Sharp, the central peak of Gale Crater. Along Curiosity's adventure, atmospheric measurements have been made including the first bona fide identification of methane, and X-ray diffraction has been used for the first time on a planet other than Earth to identify hydrated minerals. Curiosity is revolutionising our view of the evolution of the Red Planet and in this talk Prof. John Bridges will give an update on the Curiosity's findings and plans for its future roving.

Monday 11th May, 2015

British Geological Survey, Keyworth, Nottingham, NG12 5GG

Refreshments available from 6.30pm, talk starts at 7pm

--Everyone welcome--

