

Lecture Theatre G.51
Thursday 1st September 2016

MANCHESTER
1824

The University of Manchester

Sir Edward Frankland Award Symposium

In 1852 Sir Edward Frankland FRS, a pioneer of organometallic chemistry, published a landmark paper that is widely credited as the origin of the theory of chemical valence (*Phil. Trans. R. Soc. Lond.* **1852**, 142, 417-444). The American Chemical Society Division of the History of Chemistry has bestowed a plaque to the School of Chemistry to recognise this work, accomplished at what would eventually become The University of Manchester.



To celebrate the unveiling of this plaque, this symposium will commemorate Frankland's key achievement with organometallic chemistry talks by internationally leading speakers from America and The University of Manchester as well as a presentation describing the historical context of Frankland's life.

We cordially invite you to this celebration of organometallic chemistry spanning over 160 years.

SPEAKERS AND TALK TITLES

Expanding the Range of Oxidation States of the Rare Earth and Actinide Metals in Molecular Complexes	Prof. Bill Evans (University of California, Irvine)
Strong Zinc and Boron Electrophiles for Facilitating C-C Bond Formation and C-H Functionalisation	Dr Mike Ingleson (University of Manchester)
Allosteric Initiation and Regulation of Catalysis with a Molecular Knot	Dr Vanesa Marcos (University of Manchester)
New Developments in Catalytic C-H Arylation	Prof. Igor Larrosa (University of Manchester)
Low-Coordination Numbers, Unusual Bonding and Dispersion Force Effects in Main Group and Transition Metal Chemistry	Prof. Phil Power (University of California, Davis)
"The Sage from Northern County": Edward Frankland and Organometallics	Dr Robert Anderson (Chemical Heritage Foundation)

Programme commences at 1.30 PM