

# International Symposia on Advancing the Chemical Sciences (ISACS)



## Challenges in Organic Chemistry and Chemical Biology (ISACS7)

12 - 15 June 2012 • Edinburgh, UK

### Topical

Review current research developments and identify future challenges in a comprehensive plenary programme which explores the themes of Catalysis, Total Synthesis, Methodology, Bioorganic Chemistry and Chemical Biology.

### Dynamic

Hear from a new generation of exceptional, internationally renowned researchers who are all leading names in their field.

### Interactive

Network with colleagues from across the globe; present your work as a contributed talk or in one of the extensive poster sessions.

### About ISACS

Launched in 2010, the International Symposia on Advancing the Chemical Sciences (ISACS) is a significant global series which partners the RSC's flagship journal *Chemical Science*.

For further details and information on any of the other conferences in the series, please visit

[www.rsc.org/isacs](http://www.rsc.org/isacs)



### Speakers

Ei-ichi Negishi, *USA*  
(Nobel Laureate)  
Akira Suzuki, *Japan*  
(Nobel Laureate)  
Jason Chin, *UK*  
Jonathan Clayden, *UK*  
(Merck Award Winner)  
Benjamin G. Davis, *UK*  
Dennis A. Dougherty, *USA*  
Abigail G. Doyle, *USA*  
Antonio M. Echavarren, *Spain*  
Jonathan A. Ellman, *USA*  
Alois Fürstner, *Germany*  
Matthew J. Gaunt, *UK*  
Kenichiro Itami, *Japan*  
Anna Mapp, *USA*  
Mohammad Movassaghi, *USA*  
Sarah E. Reisman, *USA*  
Tobias Ritter, *USA*

### ISACS7 News – Scan and Sign Up

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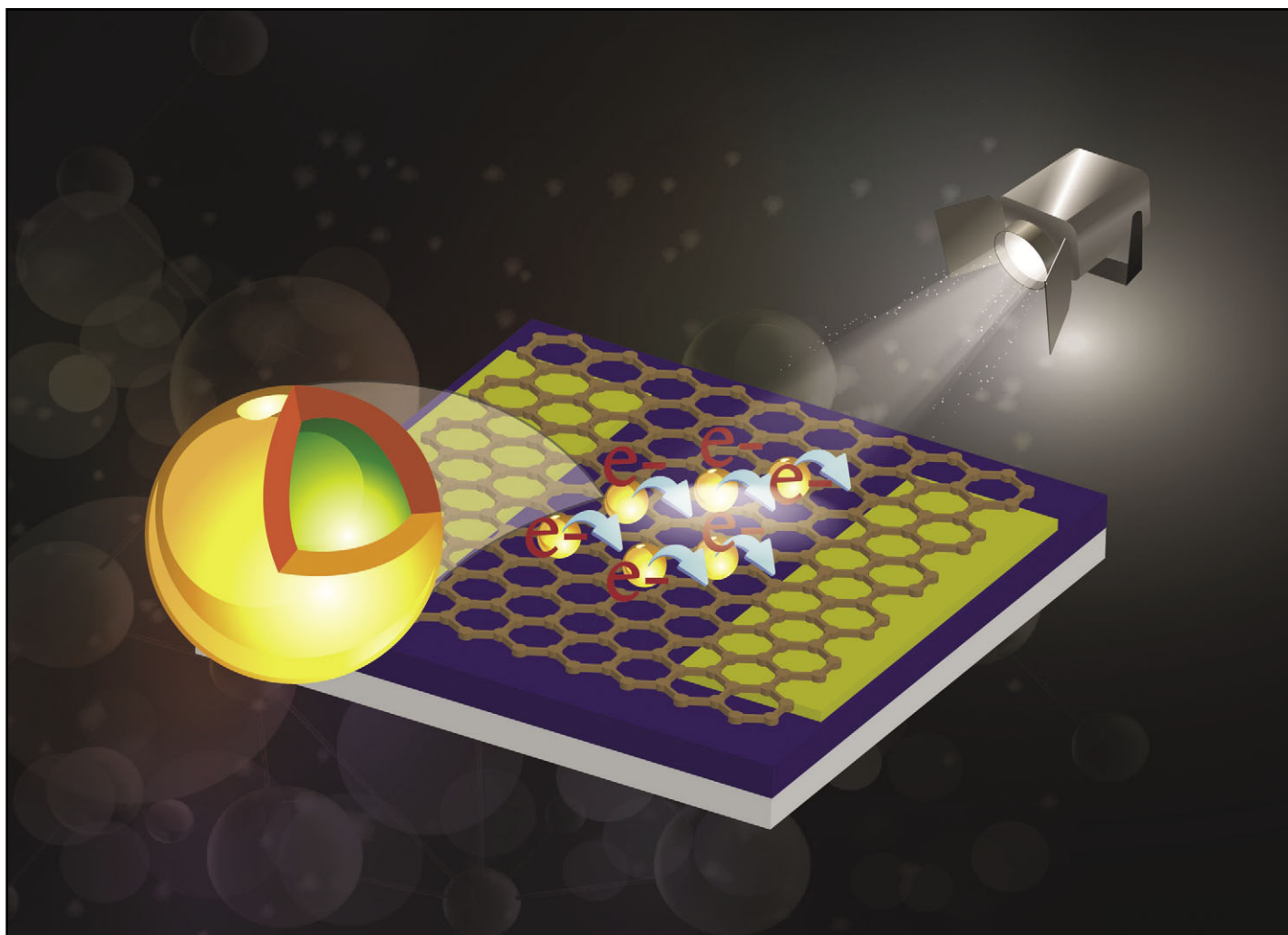
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### Conference Committee

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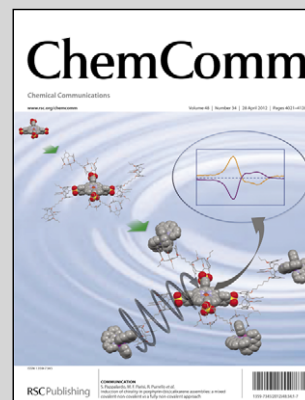


**Showcasing research from Professor Hyoyoung Lee's group at the Center of Smart Molecular Memory, Sungkyunkwan University, Korea**

**Dual n-type doped reduced graphene oxide field effect transistors controlled by semiconductor nanocrystals**

A rapid and simple method for doping a reduced graphene oxide (rGO) field effect transistor (FET) with nanocrystals was utilized to produce dual n-type behavior with light and bias voltage. This convenient method promises industrial level doping of graphene transistors.

**As featured in:**



See Hyoyoung Lee *et al.*,  
*Chem. Commun.*, 2012, **48**, 4052.