

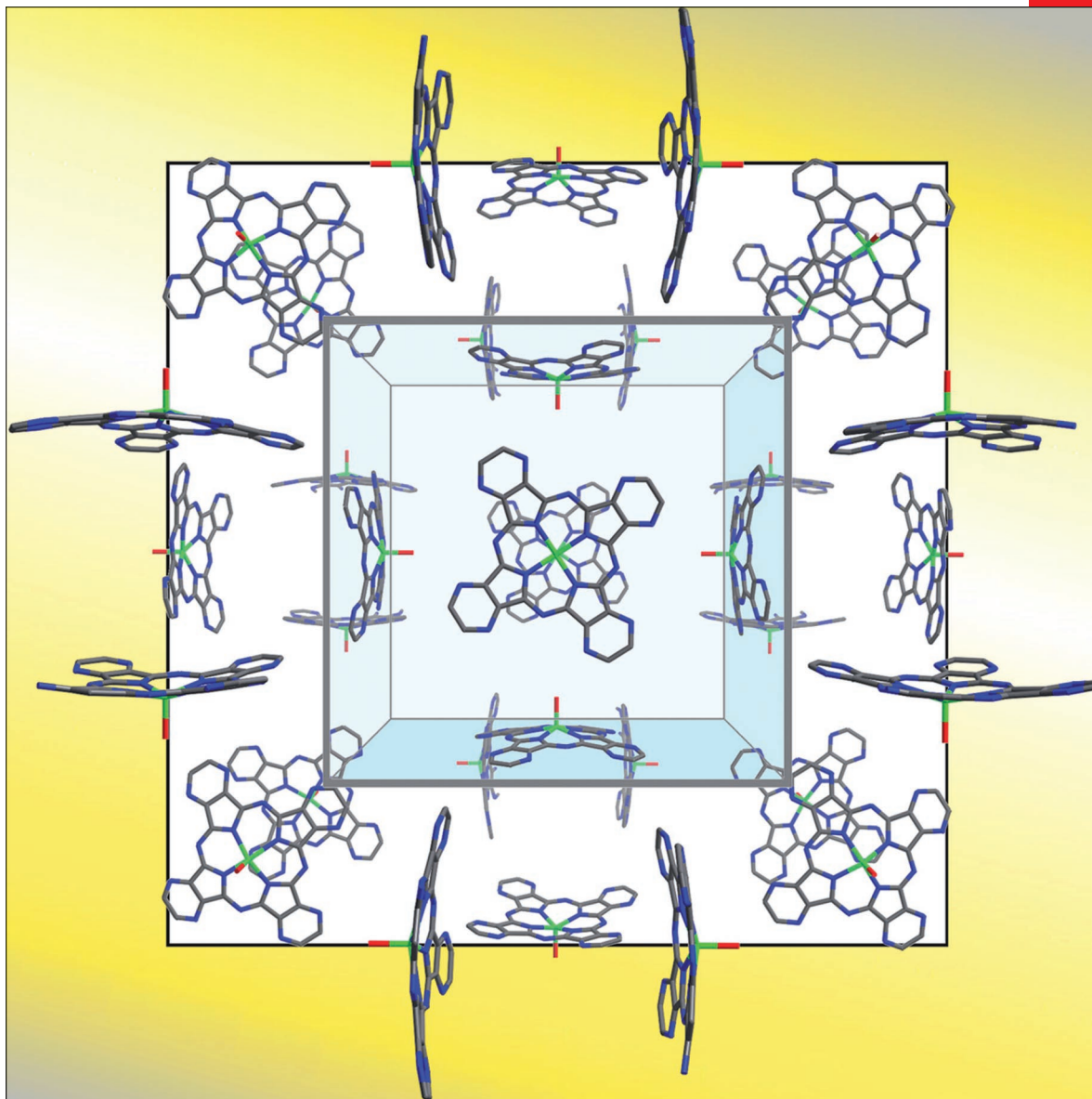
CHEMISTRY

A EUROPEAN JOURNAL

14/16

2008

Now with
Communications



Concept

Thiophene Polymer Semiconductors for Organic Thin-Film Transistors

B. S. Ong et al.

 WILEY-VCH

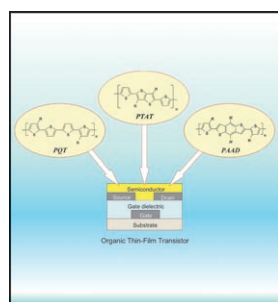
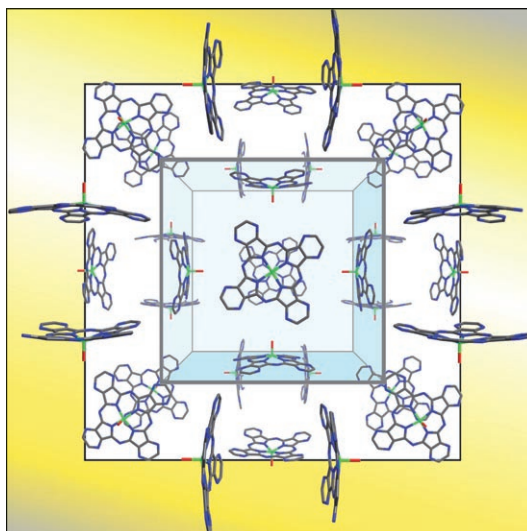


EUChemSoc

Supported by
ACES

A cubic crystal...

... containing massive interconnected voids (8 nm^3) forms from a novel azaphthalocyanine derivative containing eight bulky phenoxy substituents. In their Full Paper on page 4810 ff., S. Makhseed, N. B. McKeown et al. describe the synthesis and remarkable crystal-forming properties of this macrocycle and some related compounds.

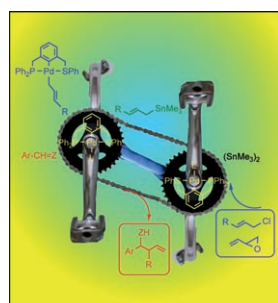
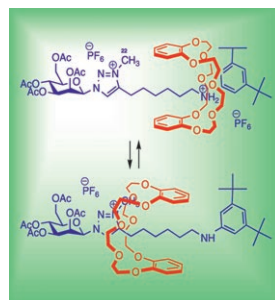


Polymer Semiconductors

In their Concept article on page 4766 ff., B. S. Ong et al. review the structural studies and design of thiophene-based polymer semiconductors with respect to solution processability, ambient stability, molecular self-organization, and field-effect transistor properties for organic thin-film transistor applications.

Click Chemistry

In their Communication on page 4784 ff., F. Coutrot and E. Busseron describe a very mild and efficient access to glycorotaxanes by using “click chemistry” in a template-directed threading approach. Transformation of the so-created 1,2,3-triazole moiety into the methyl triazolium was successfully realized and allowed for the ready preparation of a mannose two-station molecular shuttle.



Pincer Complexes

The synthesis and catalytic applications of a new aryl-based unsymmetrical PCS-pincer complex are reported by M. Klein Gebbink, K. J. Szabó et al. on page 4800 ff. The catalytic performance of the novel PCS-pincer palladium complex was compared to those of its symmetrical PCP- and SCS-pincer complex analogues.

 GERMANY	 NETHERLANDS
 BELGIUM	 ITALY
 FRANCE	 SPAIN
 PORTUGAL	 GREECE
 CZECH REPUBLIC	 POLAND
 SWEDEN	 HUNGARY
 AUSTRIA	 EUChemSoc

Supported by
ACES

Chemistry—A European Journal is jointly owned by the 14 Chemical Societies shown above and published by Wiley-VCH. This group of Societies has banded together as the Editorial Union of Chemical Societies (EU ChemSoc) for its combined publishing activities. The journal is also supported by the Asian Chemical Editorial Society (ACES).