

## TENTATIVE OUTLINE

### SPECIAL ISSUE FOR CURRENT ORGANIC CHEMISTRY

#### RECYCLING CARBON: CATALYTIC CONVERSION OF NON-FOOD BASED BIOMASS INTO TRANSPORTATION FUELS AND CHEMICAL FEEDSTOCKS

*GUEST EDITORS: Pete Silks & John C. Gordon*

#### **AIMS & SCOPE:**

Recycling Carbon: Catalytic Conversion of Non-Food Based Biomass into Transportation Fuels and Chemical Feedstocks.

This thematic issue would report some of the current leading efforts worldwide to develop sustainable and renewable sources of transportation fuels and chemical feedstocks. The overarching science to be emphasized within this issue is the use of efficient catalytic methodologies capable of providing commercially viable routes for the conversion of non food biomass to these important commodities. Logical sources of these carbon based starting materials are cellulose, lignin, algal, chitin, and shale sources like kerogen. Importantly, methods for the conversion of these naturally abundant materials are intensely being developed and this issue will attempt to highlight leading efforts in this area.

#### **KEYWORDS:**

Carbon Recycling, Biomass to Fuels, Biomass to Chemical Feedstocks, Catalysis,

#### **APPROXIMATE SCHEDULE:**

Manuscript Submission Deadline: August/12

Peer Review Due: August /12

Revision Due: September/12

Notification of Acceptance by the Guest Editor: September /12

Final Manuscript Due: September /12