6th Heron Island Conference on Reactive Intermediates and Unusual Molecules

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The 6th Heron Island Conference on Reactive Intermediates and Unusual Molecules – Synthesis and Mechanism was held at the Heron Island Resort on the Great Barrier Reef, 7–13 July 2013, with some 80 scientists in attendance from all over the world, presenting highlights of their work in lecture and poster format (Fig. 1). These meetings, which enjoy an excellent international reputation, present unique opportunities for interaction between Australian and overseas chemists in subject areas varying from organic synthesis to reaction mechanism, computational and theoretical chemistry, physical/materials chemistry, inorganic chemistry, biological/medicinal chemistry, and spectroscopy.

This issue of Aust. J. Chem. presents a collection of papers authored by delegates at the meeting and comprise a wide range of topics, including amine boranes (S.-Y. Liu et al.), rhodium carbenoids (A. Padwa et al.), singlet oxygen (T. Linker et al.), hydrogen peroxide fuel cells (S. Fukuzumi et al.),

Fig. 1. Heron Island. Photo: Curt Wentrup.
Fig. 2. Another view of Heron Island. Photo: Vicki Sloman.

Curt Wentrup, Ph.D., D.Sc., FAA (left), is Professor Emeritus at the University of Queensland and Editor-in-Chief of the Australian Journal of Chemistry. His research lies in the field of reactive intermediates and unusual molecules using photochemistry, flash vacuum thermolysis, matrix isolation, and computational chemistry. He is a recipient of the 2003 Centenary Medal of the Australian Commonwealth for research in organic and physical chemistry and the 2014 David Craig Medal of the Australian Academy of Science. He also became a JSPS Fellow in 2014.

Craig M. Williams (right) was born in Adelaide, Australia. He received his B.Sc. (Hons) degree in chemistry in 1994, and in 1997 was awarded his Ph.D. in organic chemistry by Flinders University under the supervision of Professor Rolf H. Prager. He worked as an Alexander von Humboldt Postdoctoral Fellow with Professor Armin de Meijere at the Georg-August-Universität, Göttingen, Germany, until 1999 and then took up a postdoctoral fellowship at the Australian National University with Professor Lewis N. Mander. He has held an academic position, currently as Associate Professor, at the University of Queensland since 2000 and during this time has won a number of awards, including a Thieme Chemistry Journals Award in 2007. The primary research focus of the Williams group is the construction and isolation of biologically active complex natural products, and designing methodology to assist in this endeavour. The group also enjoys dabbling in medicinal, physical organic, and computational chemistry.

The lively late-afternoon poster sessions on the patio with a view of the sunset and reef sea life (including whales on occasion) are a recurring and unforgettable part of the Heron Island Conferences (Fig. 2). It is also noteworthy that the interaction between so many scientists in a congenial atmosphere in a small space has led to several enduring collaborations (Fig. 3).

The next Heron Island Conference will take place on 9–15 July 2016, immediately following the IUPAC International Conference on Physical-Organic Chemistry in Sydney (3–8 July) organised by Dr Jason Harper (UNSW) and colleagues.

References


