

## **DIVISION IV WORKING GROUP: ABUNDANCES IN RED GIANTS**

*(GROUPE DE TRAVAIL SUR LES ABONDANCES DANS LES GEANTES ROUGES)*

**CHAIRMAN:** John Lattanzio

**ORGANIZING COMMITTEE:** P. Denissenkov, R. Gallino, U.G. Jorgensen, C. Kahane, S. Kwok, V.V. Smith, C. Tout, R.F. Wing, E. Zinner, J. Hron

### **1. Introduction to WG**

This WG was formed in 2001 to concentrate specifically on red-giant abundances, which was one aspect of the previous WG on Peculiar Red Giants. Our main activities at the Sydney GA were participation in, and helping the organization of, Joint Discussion 4 on The Astrophysical Impact of Abundances in Globular Clusters and a Business Meeting. A brief summary of the latter is included here.

### **2. Business Meeting of WG**

The business meeting was attended by about 15 to 20 people. There were three main areas of interest and activity decided by those present, and these are each discussed below.

#### **2.1. Specialized Workshop**

It was decided that we would apply to hold a small, specialized workshop of interest to members of the WG. Various topics were discussed, such as "Abundance patterns in Stellar Populations", "Abundances as probes of convection and mixing", "The Chemical Evolution of Omega Cen", and "The role of binaries in chemical evolution". A committee is being formed to investigate this further. We hope to hold this meeting during 2004.

#### **2.2. IAU Symposium/Colloquium**

We did submit an application to the IAU for a meeting to be held at the GA in Sydney. This was not successful, but there is still strong support from our supporting Commissions and Division. We will submit an application in the next round, to hold a meeting in 2005.

#### **2.3. Facilitate Improved Communication**

There was a general feeling that we would all benefit from stronger communication between members. Rather than a simple email-list, some sort of interactive web-page was preferred. I have been investigating these and hope to have something active very soon.

### **3. Organizing Committee**

Following the GA we invited Dr. Josef Hron to formally become a member of the Organizing Committee of the Working Group, We were delighted that he has accepted, and we look forward to harnessing his enthusiasm and energy!

John Lattanzio  
*Chairman of the Working Group*