

## COMMISSION 14

## ATOMIC AND MOLECULAR DATA

*DONNÉES ATOMIQUES ET MOLÉCULAIRES*

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### COMMISSION 14 WORKING GROUPS

Div. XII / Commission 14 WG	Atomic Data
Div. XII / Commission 14 WG	Collision Processes
Div. XII / Commission 14 WG	Molecular Data
Div. XII / Commission 14 WG	Solids and Their Surfaces

### TRIENNIAL REPORT 2006 - 2009

#### 1. Introduction

The main purpose of Commission 14 is to foster interactions between the astronomical community and those conducting research on atoms, molecules and solid state particles. One way the Commission accomplishes this goal is through triennial compilations on recent relevant research in atomic, molecular and solid state physics, as well as related chemical fields. The most recent compilations appear in the following set of WG Triennial Reports, which were produced by members of the Working Groups and the Organizing Committee of Commission 14. Before presenting the Reports, we highlight the meetings supported by the Commission.

#### 2. Supported meetings within the past triennium

Past meetings:

- IAU Symposium No. 234, *Planetary Nebula in our Galaxy and Beyond*, April 2006, Waikoloa Beach, HI, USA
- IAU Symposium No. 251, *Organic Matter in Space*, February 2008, Hong Kong, China

Future meetings, in the IAU XXVII General Assembly, Rio de Janeiro, August 2009:

- JD 13, *Eta Carinae in the Context of the Most Massive Stars*
- JD 4, *Progress in Understanding the Physics of Ap and Related Stars*
- SpS 1, *IR and Sub-mm Spectroscopy – a New Tool for Studying Stellar Evolution*

Steven R. Federman  
*president of the Commission*