

## COMMISSION 14: ATOMIC & MOLECULAR DATA (*DONNÉES ATOMIQUES & MOLÉCULAIRES*)

**PRESIDENT:** Peter L. Smith

**VICE-PRESIDENT:** Sveneric Johansson

**SECRETARY:** Saul J. Adelman

**ORGANIZING COMMITTEE:** Saul J. Adelman, Keith A. Berrington, Emile Biémont, Nicole Feautrier, Sveneric Johansson, Jim Lawler, William C. Martin, Michael Mickelson, Donald Morton, François Rostas, Tanya Ryabchikova, Peter L. Smith, Chantal Stehle

### 1. Business meeting of IAU Commission 14

Present:

S. Adelman, P. Bernath, K. Berrington, A. Dalgarno, S. Federman, E. Herbst, M. Huber, S. Johansson, F. Johnson, F. Launay, W. C. Martin, D. Morton, G. Peach, J. Pickering, F. Rostas, S. Saito, P. Smith, J. Tatum, W.-Ü. Tchang-Brillet

The meeting was called to order by Rostas. After an agenda was adopted, he gave his report as outgoing President. He pointed out that Joint Discussion 1, which our commission sponsored, had a minimum attendance of 80 people per session. The IAU Executive Committee was generous with grants for people attend this JD.

Rostas reported that the visibility of the Proceedings of Joint Discussions was considered at the Commission Presidents' meeting. The Proceedings will be made larger in the Highlights. It was also suggested that a new publication series be devoted to the Proceedings. Another suggestion involved replacing the Vice Presidents with the Division Presidents, but that creates a potential problem with National Representatives.

The Commission 14 members approved of putting its triennial report on the web site because it is a useful document that also gives visibility to the Commission. Abstracts of papers and news were suggested as additional content.

The new Organizing Committee was approved. Our commission's usual practice is for a member to serve for six years. The new Organizing Committee is:

President : Peter L. SMITH, USA  
Vice President : Sveneric JOHANSSON, Sweden  
Secretary : Saul J. ADELMAN, USA

After the election, Smith chaired the meeting.

After some discussion, the Commission voted to have two new Working Groups: (*i*), optical properties of solids, including matrix work, and (*ii*), gas phase reactions. The President will confer with the Organizing Committee to prepare statements of purpose for the new Working Groups and to identify possible Chairs and Co-Chairs.

To better advertise future Commission reports, the officers will send announcements to newsletters of professional astronomical societies.

The President has been asked by the Executive Committee update the Commission membership list. He and the Secretary will send letters to all members. They will also be asked to suggest new members and consultants as well as to propose topics for possible

## Organizing Committee :

## Members carried over:

Keith A. BERRINGTON, UK	(97)	
Nicole FEAUTRIER, France	(97)	
Sveneric JOHANSSON, Sweden	(94)	Vice President (2000-2003)
William C. MARTIN, USA	(97)	
Francois ROSTAS, France	(94)	Vice President (1994-1997) President (1997-2000)
Peter L. SMITH, USA	(91)	Vice President (1997-2000) President (2000-03)

## New Members:

Saul J.ADELMAN, USA	Secretary (2000-2003)
Emile BIEMONT, Belgium	
Steve FEDERMAN, USA	
Jim LAWLER, USA	
Michael MICKELSON, USA	
Donald MORTON, Canada	
Tanya RYABCHIKOVA, Russia	
Chantal STEHLE, France	

## Outgoing Members:

Nicolas GREVESSE, Belgium	(94)	
Uffe Grae JORGENSEN, Denmark	(94)	
Helen MASON, UK	(94)	
William H. PARKINGSON, USA	(85)	President (1994-1997)
W.-U.L. TCHANG-BRILLET, France	(94)	

## Working Groups

## Chair

## Co-Chair

1. Atomic Spectra & Wavelengths	S. JOHANSSON	G. NAVE
2. Atomic Transition Probabilities	W. L. WIESE	J. R. FUHR
3. Collision Processes	D. R. SCHULTZ	P.C. STANCIL
4. Line broadening	C. STEHLE	G. PEACH
5. Molecular Structure	E. F. Van DISHOECK	J. H. BLACK
6. Molecular Reactions on Solid Surfaces	W. SUTTE	L. d'HENDECOURT
7. Optical Properties of Solids	t.b.d.	t.b.d.
8. Gas Phase Reactions	t.b.d.	t.b.d.

future symposia. Smith suggested we consider atomic data for x-ray astronomy; others suggested photo-ionization modeling. Johansson suggested that whatever we sponsor it should cover several wavelength regions.

Smith on behalf of all the members of Commission 14 thanked Rostas for his leadership during the past three years and especially for his work in organizing the very successful Joint Discussion

The new commission email address will be `com14.iau@adelvx.citadel.edu`.

Saul J. Adelman  
*Secretary of the Commission*