

COMMISSION 14: ATOMIC AND MOLECULAR DATA (DONNEES ATOMIQUES ET MOLECULAIRES)

PRESIDENT: François Rostas

VICE-PRESIDENT: Peter L. Smith

ORGANIZING COMMITTEE: K. A. Berrington, N. Feautrier, S. Johansson, U.G. Jørgensen, W. C. Martin, H. Mason, W. Parkinson, W.-Ü.L. Tchang-Brillet

Business Meeting at IAU XXIVthe General Assembly

Present:

S. Adelman, P. Bernath, K. Berrington, A. Dalgarno, S. Federman, W. 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 the 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 attending this JD.

Rostas reported that the visibility of Proceedings of Joint Discussions was considered at the Commission Presidents' meeting. The Proceedings will be made larger in the Highlights. It was suggested that a new publication series be devoted to such 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 as it is a useful document that also provides 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 follows:

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

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)	
François 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
 Emile BIEMONT, Belgium
 Steve FEDERMAN, USA
 Jim LAWLER, USA
 Michael MICKELSON, USA
 Donald MORTON, Canada
 Tanya RYABCHIKOVA, Russia
 Chantal STEHLE, France

Secretary (2000-2003)

Outgoing Members:

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

After the election, Peter 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.

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. Van DISHOECK	J.H. BLACK
6. Molecular Reactions on Solid Surfaces	W. SCHUTTE	L. d'HENDECOURT
7. Optical Properties of Solids	tbd	tbd
8. Gas Phase Reactions	tbd	tbd

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 to 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 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