

# Eleventh International Conference on Atomic and Molecular Data and Their Applications (ICAMDATA 2018)

## First Announcement

### Venue

The conference will be held at the Sheraton Commander Hotel in Cambridge, MA from 11-15 November 2018. Logistical details may be found on the website:

<https://projects.iq.harvard.edu/icamdata>

### Call for Abstracts

The scientific program will include invited lectures, contributed talks, database demonstrations, and poster sessions. Both experimental and theoretical contributions are solicited.

Confirmed invited speakers are listed on the website.

We will have a limited number of **contributed** talks (15 min, including discussion), to be selected from abstracts submitted by **17 August 7 September**.

We also plan to have two poster sessions with time set aside for viewing.

All abstracts are due by **14 September**.

## Scope

ICAMDATA 2018 continues the series of international conferences since 1997 that promotes the use of atomic and molecular (AM) data in various fields of science and technology, and provides the principal forum for the interaction of AM data producers, data users, data compilers, and database developers. The conference will cover topics like:

### I. Application and needs of atomic and molecular data:

- Astrophysics and atmospheric physics
- Inertial and magnetic fusion
- Low and high temperature laboratory plasma and industrial plasmas
- Lighting sciences and technology
- Biomedicine and biophysics
- Combustion and environmental sciences and technology
- Surface physics, gaseous electronics, solid state optics and spectroscopy, optoelectronics, etc.

### II. Atomic and molecular data production:

- Data collection, assessment, exchange and dissemination
- Standardization of data formats
- AM databases, activities of data centers.

### III. Experimental and theoretical methods for atomic and molecular data generation

- Atomic and molecular structure, spectroscopy and radiative processes
- Electron and photon collisions with atoms and molecules
- Heavy particle collisions
- Particle - surface interactions.

## Calendar 2018

Registration Opens	1 July
Abstracts for consideration as contributed talks due	<del>17 August</del> 7 September
Early Bird Registration Ends	31 August
All Abstracts due	14 September
Registration closes	2 November
Conference Reception	11 November
Day 1 (includes lunch)	12 November
Day 2 (includes lunch)	13 November
Day 3 (afternoon free, evening banquet)	14 November
Day 4 (ends before lunch)	15 November

## Registration

<b>Early Bird</b> Registration Fee (by 31 August)	\$550
Registration Fee after 31 August	\$625
Registration Closes 2 November.	