



# AAMOS20

## ADVANCES IN ATOMIC, MOLECULAR, AND OPTICAL SCIENCES 2020

COHOSTED BY CAMOST\* & DSU†

14 – 18 DEC 2020

WEBCONFERENCE WITH A SLIDING  
TIMETABLE ON ZOOM PLATFORM



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## Speakers

Robert Dubois (Missouri University of Science and Technology, Rolla)  
Maria Piancastelli (Uppsala University)  
Wayne Stolte (Lawrence Berkeley National Laboratory)  
M. Fatih Hasoglu (Hasan Kalyoncu University, Yeşilkent)  
Emma Sokell (University College Dublin)  
Daniel Rolles (Kansas State University, Manhattan)  
Stacey Sorensen (Lund University)  
A. Ravi P. Rau (Louisiana State University)  
Chris Greene (Purdue University)  
Katsumi Midorikawa (RIKEN Tokyo)  
Himadri Chakraborty (Northwest Missouri State University, Maryville)  
Klaus Bartschat (Drake University, Des Moines, Iowa)  
Sourav Banerjee (IIT Madras, Chennai)  
Hans Jakob Wörner (ETH, Zurich)  
Eva Lindroth (Stockholm University, Stockholm)  
Jean-Patrick Connerade (Imperial College London)  
Valeriy Dolmatov (University of North Alabama, Florence)  
Nora Berrah (University of Connecticut, Storrs)  
Alfred Müller (Giessen University)  
Jobin Jose (IIT Patna)  
S. Sunil Kumar (IISER Tirupati)  
Piero deCleva (University of Trieste)  
Yuri Ralchenko (NIST, Gaithersburg)  
Horst Schmidt-Böcking (Goethe-Universität, Frankfurt)  
Lokesh C. Tribedi (TIFR, Mumbai)  
Patrick Palmeri (Université de Mons)  
Eugene Kennedy (Dublin City University)  
Roger Hutton (Fudan University, Shanghai)  
Nobuyuki Nakamura (University of Electro-Communications, Tokyo)  
Jose R. Crespo López-Urrutia (Max-Planck-Institut für Kernphysik, Heidelberg)  
Tu-Nan Chang (University of Southern California, Los Angeles)  
Joachim Burgdorfer (University of Vienna)  
K L Ishikawa (University of Tokyo)  
Arijit Sharma (IIT Tirupati)  
Reinhard Dörner (Goethe University Frankfurt)  
Jian Wu (East China Normal University, Shanghai)  
Michael Meyer (European XFEL, Schenefeld)

AAMOS20 is convened to celebrate the rich contributions of **Professor Steven Trent Manson** to the field of Atomic, Molecular, and Optical Sciences for over half a century on his 80<sup>th</sup> birthday.

## CONVENERS

John Costello (Dublin City University)  
Pranawa C. Deshmukh (IIT Tirupati and DSU, Bengaluru)  
Thomas W. Gorczyca (Western Michigan University, Kalamazoo)  
Anatoli S. Kheifets (Australian National University, Canberra)  
Alfred Msezane (Clark Atlanta University, Atlanta)  
Kiyoshi Ueda (Tohoku University, Sendai)

### Conference Themes

### Date/Time (UTC)

Synchrotron Spectroscopy of  
Atoms and Molecules

Dec 14 - 1500 to 1800

Time-resolved Atomic  
Processes

Dec 15 - 0400 to 0700

Physics of Atoms and  
Molecules in Confinement

Dec 16 - 2000 to 2300

Structure, Dynamics, and  
Interactions of Ions

Dec 17 - 1200 to 1500

Atomic and Molecular Physics  
with Lasers

Dec 18 - 1200 to 1500

YouTube Live link. Click or scan the QR code.



A **SPECIAL FOCUS ISSUE** will be published by  
**IOP PHYSICA SCRIPTA** to document  
contributions at AAMOS20



\*Center for Atomic, Molecular, and Optical Sciences & Technologies – A joint initiative of IIT Tirupati and IISER Tirupati

†Dayananda Sagar University, Bengaluru