



Phys. Sci. Forum, Volume 13, IOCAT 2026 Table of Contents

From Publisher's Office <noreply@mdpi.com>

Date Thu 15/10/2026 01:11

To Nahar, Sultana <nahar.1@osu.edu>

This Message Is From an External Sender

This message came from outside your organization.

Report Suspicious



journal-logo



The 1st International Online Conference on Atoms

Phys. Sci. Forum, Volume 13, IOCAT 2026

Thank you for publishing your article in Volume 13, Issue 1 of Physical Sciences Forum. To continue receiving issue release notifications of the journal in future, please click [here](#).

Table of Contents

Highlights

Read our Most Cited & Viewed papers [here](#).

General

Proceeding Paper: QED Coupling of Image States in Spherical Cavities

Blake Gerardo Pérez, Renata Della Picca and Juan Martín Randazzo

Phys. Sci. Forum **2026**, 13(1), 1; DOI: [10.3390/psf2026013001](https://doi.org/10.3390/psf2026013001)

Proceeding Paper: Electron-Impact Single Ionization of Molecules: Orientation-Resolved Fully Differential Cross Sections

Emiliano Acebal and Sebastian Otranto

Phys. Sci. Forum **2026**, 13(1), 2; DOI: [10.3390/psf2026013002](https://doi.org/10.3390/psf2026013002)

Proceeding Paper: Atomic Energy Level Calculations for Lanthanides with AUTOSTRUCTURE

Tomás Campante, Ricardo Ferreira da Silva, Luís Leitão, Daniel Garcia, Jorge Miguel Sampaio and José Manuel

Pires Marques

Phys. Sci. Forum **2026**, 13(1), 3; DOI: [10.3390/psf2026013003](https://doi.org/10.3390/psf2026013003)

Proceeding Paper: State-Selective Charge Exchange in Collisions of Multiply Charged Ions with H₂

Nelson D. Cariatore and Sebastian Otranto

Phys. Sci. Forum **2026**, 13(1), 4; DOI: [10.3390/psf2026013004](https://doi.org/10.3390/psf2026013004)

Proceeding Paper: Resonant Excitation in *r*-Process Collision Strengths for Non-LTE Kilonova Modelling

Ricardo Ferreira da Silva, Luis Leitão, Andreas Flörs, Tomás Campante, Daniel Garcia, Jorge Sampaio, Gabriel Martínez-Pinedo and José Pires Marques

Phys. Sci. Forum **2026**, 13(1), 5; DOI: [10.3390/psf2026013005](https://doi.org/10.3390/psf2026013005)

Proceeding Paper: Atomic Structure Analysis and Radiative Properties with Einstein Coefficients for Ne-like Se (Se XXV)

Malvika Singh, Richa Paijwar and Rinku Sharma

Phys. Sci. Forum **2026**, 13(1), 6; DOI: [10.3390/psf2026013006](https://doi.org/10.3390/psf2026013006)

Proceeding Paper: Fourier Transform Infrared Emission Spectroscopy of Si II

Zaid Mustafa and Haris Kunari

Phys. Sci. Forum **2026**, 13(1), 7; DOI: [10.3390/psf2026013007](https://doi.org/10.3390/psf2026013007)

Proceeding Paper: The Effect of Number-State Filtration on the Collapse and Revival Features of the Jaynes-Cummings Model

Hashmitha Sugumar and Nilakantha Meher

Phys. Sci. Forum **2026**, 13(1), 8; DOI: [10.3390/psf2026013008](https://doi.org/10.3390/psf2026013008)

Proceeding Paper: Radiative Recombination of Pm-like Tungsten (W XIV): A Theoretical Benchmark for Kilonova Modelling

Daniel Garcia, Tomás Campante, Ricardo Ferreira da Silva, Luís Leitão, Jorge Sampaio and José Pires Marques

Phys. Sci. Forum **2026**, 13(1), 9; DOI: [10.3390/psf2026013009](https://doi.org/10.3390/psf2026013009)

Proceeding Paper: A New Representation of the 3C Model in the Quasi-Sturmian Approach to Ionization of Helium by Proton Impact

Sergey Zaytsev, Lorenzo Ugo Ancarani, Darya Zaytseva, Alexander Zaytsev, Yury Popov and Konstantin Kouzakov

Phys. Sci. Forum **2026**, 13(1), 10; DOI: [10.3390/psf2026013010](https://doi.org/10.3390/psf2026013010)

Proceeding Paper: Energy Levels and Transition Data of Cs XI

Abid Husain and Haris Kunari

Phys. Sci. Forum **2026**, 13(1), 11; DOI: [10.3390/psf2026013011](https://doi.org/10.3390/psf2026013011)

Proceeding Paper: AI for Astrophysical Spectroscopy

Sultana N. Nahar

Phys. Sci. Forum **2026**, 13(1), 12; DOI: [10.3390/psf2026013012](https://doi.org/10.3390/psf2026013012)

Proceeding Paper: Strong-Field Photoionization: Analysis of Overlapping Above-Threshold Ionization and Laser-Assisted Photoemission Structures

Candelaria Migliaro, Juan Martín Randazzo and Renata Della Picca

Phys. Sci. Forum **2026**, 13(1), 13; DOI: [10.3390/psf2026013013](https://doi.org/10.3390/psf2026013013)

Proceeding Paper: Photoemission Spectra from Al(111) Surface: Jellium and Band-Structure-Based Potentials

Martín Barlari, Renata Della Picca, Darío M. Mitnik and Diego G. Arbó

Phys. Sci. Forum **2026**, 13(1), 14; DOI: [10.3390/psf2026013014](https://doi.org/10.3390/psf2026013014)

Upcoming MDPI Conferences

- [The 1st International Conference on Modern Mathematical Physics \(Hangzhou, China, 30 October–3 November 2026\)](#)

- **Join Us Virtually at the 2nd International Online Conference on *Photonics*** (Online, 14–16 December 2026)

[Manage your journal subscriptions](#) | [Unsubscribe](#)

MDPI

Postfach, CH-4020 Basel, Switzerland

Office: Grosspeteranlage 5, CH-4052 Basel, Switzerland

Tel. +41 61 683 77 34

www.mdpi.com

