



**12th International Symposium on Nonequilibrium Processes,  
Plasma, Combustion, and Atmospheric Phenomena**  
**October 5–9, 2026 (Adler, Sochi, Russia)**

Dear Colleague:

We invite you to participate in the 12th International Symposium on Nonequilibrium Processes, Plasma, Combustion, and Atmospheric Phenomena (NEPCAP-2026) to be held in Adler, Sochi, Russia, on October 5–9, 2026.

**The traditional scope of Symposium topics:**

- Kinetics of elementary processes in plasma, combustion, and atmosphere
- Fundamentals of ignition and combustion of organic, metalized, and synthetic materials
- Physical and chemical processes in low-temperature plasma
- Physics of shock and detonation waves
- Ignition, combustion and detonation in application to jet and internal combustion engines and power plants
- Novel combustion concepts including plasma-assisted and laser-induced combustion
- Physics and chemistry of high-speed gas flows
- Ignition and combustion of gaseous, liquid and solid fuels in high-speed flows
- Novel physical and chemical propulsion concepts
- Physics of clusters and nanostructures
- Combustion, laser and plasma generated aerosols and nanoparticles
- Plasma, laser and combustion assisted technologies
- Gaseous and particulate pollutant formation and pollution control
- Impact of pollutant emission on the atmospheric processes and climate

The official language of Symposium is English/Russian.

**Important dates:**

by February 20, 2026 — presentation title, authors, correspondence address and 1-page abstract;  
by February 28, 2026 — notification of acceptance;  
by April 15, 2026 — a manuscript of condensed paper (up to 8 pages, including figures, tables, and references);  
by August 1, 2026 — Final Announcement with tentative program;  
by August 15, 2026 — registration with a reduced fee;  
by September 1, 2026 — registration deadline.

The condensed papers will be published in a book with ISBN and DOI numbers which is planned to be available for participants at on-site registration.

For detailed information, please, visit the websites

<https://nepcap.ciam.ru> and <http://nepcap.conferencecenter.ru>.

If you have any question, please write at:

[OERein@ciam.ru](mailto:OERein@ciam.ru) and/or [nepcap@conferencecenter.ru](mailto:nepcap@conferencecenter.ru).

Also, please do not hesitate to contact

Sergei Frolov (+7-495-939-72-28) or Alexander Lukovnikov (+7-495-362-38-51),  
Symposium co-chairs, regarding event related questions you may have.

We are looking forward to see you at NEPCAP-2026!

With kind regards,

Sergei Frolov ([smfrol@chph.ras.ru](mailto:smfrol@chph.ras.ru))

Alexander Lukovnikov ([AVLukovnikov@ciam.ru](mailto:AVLukovnikov@ciam.ru))  
Co-Chairs of the Symposium