



9-th International Conference
**PHYSICS OF LIQUID MATTER:
MODERN PROBLEMS
PLMMP-2020**

Dear Colleague,

We are pleased to announce the 9th International Conference “Physics of Liquid Matter. Modern Problems” (PLMMP-2020) which will be held on May 22-26, 2020 in Kyiv, Ukraine.

PLMMP is a long-standing biennial conference for scientists working in the field of liquid matter, and it attracts a wide range of international speakers and delegates. We hope that the scientific program, including a broad array of topics will live up to your expectations. participation in the Conference will offer you the opportunity to meet up with your colleagues, friends and renowned specialists in the field from all over the World.

The Conference is organized by the Taras Shevchenko National University of Kyiv (KNU), Bogolyubov Institute for Theoretical Physics (BITP), Ministry of Education and Science of Ukraine and National Academy of Sciences of Ukraine (NASU).

Brief information about the forthcoming conference

Conference Chairman LEONID BULAVIN

Academician of the NAS of Ukraine, Head of the Molecular Physics Department of the Taras Shevchenko National University of Kyiv (KNU)

Conference Co-Chairman ANATOLY ZAGORODNIY

Academician of the NAS of Ukraine, Head of the Bogolyubov Institute for Theoretical Physics (BITP)

Scientific Committee

Maria Balasoiu (Romania)
Philip Camp (UK)
Aleksander Chalyi (Ukraine)
Valery Ilyin (Israel)
Peter Kopcansky (Slovak Republic)
Senentxu Lanceros-Mendez (Spain)
Nikolai Lebovka (Ukraine)
Bohdan Lev (Ukraine)
Roderick Melnik (Canada)
Eiji Osawa (Japan)
Lars Pettersson (Sweden)
Michel Rawiso (France)
Wolffram Schroer (Germany)
Vladimir Tsukruk (USA)
Ladislau Vekas (Romania)
Limei Xu (China)
Feng-Shou Zhang (China)

Organizing Committee

Bahitkhan Abdikarimov (Kazakhstan)
Oksana Bilous (Ukraine)
Kyrylo Chalyy (Ukraine)
Dorota Chudoba (Poland)
Dmytro Gavryushenko (Ukraine)
Vladimir Gotsulskyi (Ukraine)
Vasyl Haramus (Germany)
Mykola Isaev (France)
Abdulahid Jumabaev (Uzbekistan)
Oleg Kalugin (Ukraine)
Valeri Klepko (Ukraine)
Olena Kyzyma (Ukraine)
Longin Lisetski (Ukraine)
Nikolay Mchedlov-Petrossyan (Ukraine)
Saidmuhamad Odinaev (Tajikistan)
Viktor Petrenko (Ukraine)
Yuriy Plevachuk (Ukraine)
Dmytro Soloviov (Ukraine)
Andrii Trokhymchuk (Ukraine)

Among the Invited Speakers are:

Guillaume Castanet (France)
Giancarlo Franzese (Spain)
Jong-Hyun Kim (South Korea)
Norbert Kucerka (Slovak Republic)
Modesto T. Lopez-Lopez (Spain)
Iosif Malaescu (Romania)
Roderick Melnik (Canada)
Eiji Osawa (Japan)
Miha Ravnik (Slovenia)
Ivo Safarik (Czech Republic)
Vladimir Tsukruk (USA)
Xincheng Xie (China)
Mikhail Zheludkevich (Germany)

Conference Topics

- 1) Water, aqueous systems. Biomedical aspects.
- 2) Properties of classical liquids: atomic, molecular, Ionic and ionic-electronic liquids (molten salts and metals).
- 3) Quantum liquids.
- 4) Binary solutions. Polymer and biopolymer solutions.
- 5) Mixtures of fullerenes and nanotubes with liquids.
- 6) Colloidal systems: nano-diamonds, magnetic particles and laponite suspensions.
- 7) Computer simulation of liquid systems.
- 8) Phase transitions and critical phenomena in liquids and liquid systems.
- 9) Radiative aspects of the physics of liquid state.
- 10) Small-angle neutron and X-ray scattering in liquids and liquid systems.
- 11) Liquid crystal colloids

Important dates

Registration deadline: February 16, 2020

Abstract submission deadline: March 1, 2020

The full Conference fee is 250 Euros.

Further information is available at the Conference website www.plmmp.org.ua

I look forward to meeting you in Kyiv.

Sincerely yours,

Leonid Bulavin
PLMMP Conference Chairman

