

## From Director's desk



Dear Delegates,

It is my privilege to write a welcome message on behalf of the organisers of the “10th International Conference on the Frontiers of Plasma Physics and Technology” in Kathmandu, in the valley of the majestic Himalayan mountains.

It is gratifying to note that the conference series has been active for over 20 years since 2002. It is really a long way. The preceding 9 conferences were organised in Asia, Africa and Latin America. For me, it has been a remarkable journey from the beginning with a small team of scientists and a supporting team. Further, for all of us, it has been an exciting passage for learning and connecting to our endeavour.

The mission of the conference series is to organise in different developing countries where a large number of local researchers, especially young scholars, get the opportunity to interact directly with worldwide experts. In reality, it is an opening platform for individuals to discuss topics of mutual interest with specialists. I am extremely happy to mention that our efforts have been fruitful, and many professionals have endorsed it.

So, we emphasise our Conference Theme, i.e. to “Promote Sustainable Research and Technology in Developing Countries through International Cooperation” has been aptly adapted. As a result, we realise how important it has been for young researchers willing to dwell in the scientific profession.

The agenda of the conference series covers a wide range of exciting and frontier topics in the areas of plasma physics with an emphasis on basic research, applications and advances in technology.

Considering the benefits and the expansion of plasma physics, several new topics have emerged and are advancing with distinction. To name a few, applications in agriculture, air & space pollution control, Astrophysics, biology, chemistry, climate and environment, development of high-accuracy diagnostics in health, industries, medicine, nuclear energy, nuclear waste management and safety, preservation of cultural heritage, space plasmas and space research etc.

These new topics promote increased interest in plasma-based research and technology. We will hear lucid talks on many of these topics during the conference.

Plasma physics has made a tremendous positive impact on our society. We hope this global roadmap with several milestones continues with an excellent track record.

Although ours is a small conference, with around a hundred delegates, there are several visionaries. Today, this conference represents the innovative ideas of more than 70 leading experts from more than 20 countries in the various fields of plasma science and technology.

Coming to this beautiful location, Kathmandu, at an altitude of 1400 meters, is a perfect scenic place. An unlimited view of the majestic Himalayan mountains stimulates powerful waves of innovative thoughts. Nurturing these ideas through open-minded discussion leads to societal benefits. It is the ultimate goal of this conference.

Finally, I wish to tell you all to stay safe and healthy. The COVID-19 virus has demonstrated to us how vulnerable we are, but at the same time, we have also shown how resilient we can be.

I hope we will resume our normal happy life and improve with time.

We are looking forward to meeting you in Kathmandu.

Tara Desai and FPPT-10 Team  
12/Dec/2022.