



**Message from the Frontiers of Physics: Prof. Sultana N. Nahar and Dr. Charles W. Clark, USA**

Dear Fellow Physicists and students,  
Assalamu alaikum, Adab,

We are honored to be part of you and to organize the e-Conference on Physics 2021 in partnership with Bangladesh Physical Society (BPS) and University of Dhaka during Feb 5-7, 2021. We founded the Frontiers of Physics (FOP) in 2019 with the goal to establish a collaborative program between the US and Bangladeshi Scientists for advancing science and education in Bangladesh in partnership with the Department of Physics of University of Dhaka and Bangladesh Physical Society. Objectives of FOP are: i) Exposure of physics research and education in Bangladesh and in the USA through conferences, ii) Collaboration in research projects through training and exchange programs, iii) Guidance with information to students for Ph.D. admission in US universities, iv) Possible introduction of student scholarships in Physics.

We planned initiation of the program through a high profile conference of FOP which would include a Nobel laureate Dr. Eric Cornell. However due to COVID-19 pandemic, the conference has been made virtual and shorted to 4-hours a day. We expect for a full-fledge in-person conference in Dhaka in 2022.

We believe:

- Knowledge is a necessity for life and was made incumbent on both men and women by Prophet Muhammad. Without knowledge we are powerless. Physics which explains the underlying science in our everyday life is also called the "Queen" of science. Its wide applications range from medical treatment to climate change to space explorations and many others.
- The more we know the universe, the nature, the human functions, living beings, the more beauty we see, the more power and control we achieve to solve problems, and make advances for humanity
- In the field of knowledge there is no space for differences in cultures, personal feelings, opinions, believes. As we believe, Allah has created everyone and gives knowledge regardless of any difference.
- Be part of organizations, such as Bangladesh Physical Society, American Physical Society, for intellectual and professional growth.
- Create a CV of your educational involvements and revise it as you achieve more.
- It is our duty to reach out to others outside physics and explain what Physics is and help and welcome others to join us.

We as part of FOP aim to build strong and long lasting partnership with Bangladesh Physical Society and University of Dhaka, and engage in activities in Physics research and education for advances in humanity.

The Ohio State University  
USA

National institute for Standards and Technology  
USA