Dear Researchers,

This is the First Circular of the Light Cone 2022 Online conference.

Light Cone 2022 Online is scheduled to be held via Zoom, UTC 1pm-4pm, for September 19(M) – 23(F), 2022.

We are very pleased to invite you to the Light Cone 2022 Online conference <https://indico.knu.ac.kr/event/582/>.

Light Cone 2022 Online is the latest in the series of conferences that started in 1991 under the supervision of the International Light Cone Advisory Committee (ILCAC), which have played an important role in promoting research towards a rigorous description of hadrons and nuclei based on light-front quantization methods. As with earlier conferences in the series, the aim of this meeting will be to create a scientific program that will stimulate developments at the forefront of nuclear, hadron, and particle physics research.

1. Physics Topics

* Quantum field theory on the light front
* High-precision frontier of QCD
* Hadronic structure and nuclear structure in QCD
* Parton distribution functions
* Few-body problems on the light front
* Finite temperature and density QCD
* Diffraction and small x physics
* Meson and baryon resonances and exotic states
* The physics of electron ion colliders
* Heavy flavor physics
* Spin physics
* Light front holography
* Structure of the light front vacuum

2. Organizing Committee

Stan Brodsky (SLAC, USA), Wojciech Broniowski (Jan Kochanowski U., Poland), Tobias Frederico (ITA, Brazil), Stan Glazek (U. of Warsaw, Poland), John R. Hiller (U. of Idaho, USA), Chueng-Ryong Ji (NCSU, USA), Cedric Lorce (Ecole Polytechnique, France), Wally Melnitchouk (JLAB, USA), Gerald A. Miller (U. of Washington, USA), Barbara Pasquini (U. of Pavia, Italy), Wayne Polyzou (U. of Iowa, USA), Gianni Salme (INFN Sezione di Roma, Italy), James Vary (ISU, USA)

3. Technical Support

Yongseok Oh (KNU, Korea)

4. Invited Speakers

In case you would like to nominate speakers, please contact the Organizing Committee members as early as possible. Invited speakers will be timely recommended by the Organizing Committee.

5. Registration

Registration will be open from August 1, 2022 at the conference website: <https://indico.knu.ac.kr/event/582/>. No registration fee will be required.

On behalf of the LC2022 Online Organizing Committee

Chueng Ji (Chair) and Wayne Polyzou (Vice Chair)