Dear colleagues,

We are pleased to announce the IAU Focus Meeting "Physics of relativistic jets on all scales" will be held in the context of the IAU General Assembly 2022 in Busan, Republic of Korea.

Please find more information about the meeting at the website. 
Website of the Focus Meeting: http://ga2022-fm1.kasi.re.kr/

Registration and abstract submission should be made at IAU GA webpage. 
Website of IAU GA 2022: http://www.iauga2022.org/

Important dates
Abstract Submission Deadline: Mar. 31st 2022
Early Bird Registration: Jan. 1st - Feb 28th 2022
Regular Registration: Mar. 1st - May 31st 2022
IAUGA 2022: Aug. 2nd - 20th 2022
The Focus Meeting will take place on August 4th and 9th.

Scientific rationale
The goal of this Focus Meeting is to bring together experts in observational, theoretical and computational astrophysics with the aim of promoting our understanding of the physics of relativistic jets. Relativistic jets are among the most powerful manifestations of the energy released by compact objects on galactic and extragalactic scales. Non-thermal processes operating in jets are responsible for multi-messenger emissions, such as broadband electromagnetic radiation and high-energy neutrinos, and synergies can be drawn with gamma-ray bursts and gravitational wave emitters. Despite much effort, aspects of jet physics, such as the launching mechanism, jet collimation, high-energy emission, the life-cycle of jets, and the impact on the surrounding medium remain in debate. A combined and comprehensive approach, including observational, numerical and theoretical work is required to tackle the open issues. This meeting will discuss recent and forthcoming developments in observing techniques across the electromagnetic spectrum (e.g. EHT, SKA-VLBI, ALMA, LSST, JWST, and CTA) and in numerical simulations that will be a step forward in our understanding of relativistic jets.
Confirmed invited speakers
Kazuhiro Hada (NAOJ)
Jongho Park (ASIAA)
Elisabete de Gouveia dal Pino (U Sao Paulo)
Andrew Chael (Princeton U)
Dipanjan Mukherjee (IUCAA)
Francoise Combes (Obs de Paris)
Tao An (Shanghai Obs)
Andrew Fabian (U Cambridge)
Z. Lucas Uhm (KASI)
Susumu Inoue (RIKEN)
Maria Rioja (ICRAR)
Matteo Guainazzi (ESA)
Filippo D’Ammando (INAF/IRA Bologna)

SOC members
Markus Boettcher (North-West U)
Heino Falcke (Nijmegen U)
Gabriele Giovannini (U Bologna)
Marcello Giroletti (IANF/IRA Bologna)
Jose’ L. Gomez (IAA-CSIC Granada)
Svetlana Jorstad (Boston U)
Taehyun Jung (KASI)
Raffaella Morganti (ASTRON)
Masanori Nakamura (NIT Hachinohe)
Lara Nava (INAF/OA Brera)
Monica Orienti (INAF/IRA Bologna), Co-Chair
Maria Petropoulou (U Athens)
Bong Won Sohn (KASI), Co-Chair
Diana M. Worrall (U Bristol)