



In the Spirit of

LYOT 東京 2019 京

Date

**October
21 - 25
2019**

Place

**Tokyo International
Exchange Center,
Plaza Heisei**

Astronomical high contrast imaging was founded with Bernard Lyot's invention of the solar coronagraph in 1931. Since then his method has been applied to circumstellar imaging and has been improved on in many ways. It remains the primary path to direct detection of Earth-like planets orbiting Sun-like stars, while simultaneously realizing exciting science along the way. The 2019 "Spirit of Lyot" conference will be the fourth in the series (previous Lyot conferences: Lyot 2007, Lyot 2010, and Lyot 2015), bringing together the fields of exoplanets, circumstellar disks, high contrast instrumentation & data analysis, and planning for future high contrast imaging facilities on the ground and in space. Meeting this time in Tokyo, the international research community can find new ways to work together toward our ambitious goal of direct imaging characterization of extrasolar planetary systems.

Credit: NASA, ESA, and F. Kelen (University of California, Berkeley) / ESO / A.-M. Lagrange / A.-L. Maire et al. (LBT) / J. Benisek (LdM/PfP) and C. Marzari (NRC Herzberg) / A. Müller et al. / ALMA (ESO/NAO/JNRAO) / NAOJ



National Institutes of
Natural Sciences
**Astrobiology
Center**



URL: <http://abc-nins.jp/Lyot2019/index.html>

ORGANIZERS : Astrobiology Center, National Institutes of Natural Sciences

CO-ORGANIZERS : National Astronomical Observatory of Japan, National Institutes of Natural Sciences