

# Bach Research Corporation

CUSTOM PRECISION OPTICS & DIFFRACTION GRATINGS

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Bach Press Release,

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Bach Research Corporation is pleased to announce that it has been awarded a contract by the NIRPS consortium, represented by the Institute for research on Exoplanets (iREx) from Université de Montréal and the Observatoire de Genève from Université de Genève to manufacture and deliver a custom R4 echelle grating and spares that will be used in the NIRPS (Near Infrared Planet Searcher) Instrument. The R4 echelle grating is 90x320mm with a blaze angle of 76°. NIRPS is a high resolution near infrared, fiber fed and cross dispersed echelle spectrograph designed for accurate radial-velocity (RV) measurements. NIRPS will be installed on the 3.6M ESO telescope located at La Silla.

About: iREx

The Institute for research on exoplanets (iREx) from Université de Montréal brings together top researchers and their students so as to benefit as much as possible from major current and upcoming observation projects, with the ultimate goal of finding life elsewhere. The Institute is devoted to exploring new worlds and seeking life on other planets.

About: Observatoire de Genève

The Geneva Observatory is located on the site of Sauverny, near Geneva. As

the Astronomy Department of the University of Geneva it constitutes the main research centre for astrophysics in Switzerland.

About ESO:

ESO, the European Southern Observatory, is the foremost intergovernmental astronomy organisation in Europe and the world's most productive astronomical observatory. ESO provides state-of-the-art research facilities to astronomers and is supported by Austria, Belgium, Brazil, the Czech Republic, Denmark, Finland, France, Germany, Italy, the Netherlands, Poland, Portugal, Spain, Sweden, Switzerland and the United Kingdom, along with the host state of Chile.

About Bach Research:

With over fifty years of optical experience dating back to Apollo Skylab and Voyager spacecraft, Bach Research Corporation is a manufacturer of custom diffraction gratings and optical components for OEM, Aerospace Research, Defense, Astronomy and Spaceflight Instrumentation.