The set of imaging instruments for Interhelioprobe solar observatory

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Interhelioprobe is the new Russian space solar observatory intended for in-citu and remote sensing investigations of the Sun and the inner heliosphere from a heliocentric orbit with a perihelion of about 60 solar radii. Lebedev Physical Institute of the Russian Academy of Sciences (LPI RAS) is responsible for design and construction of the set of remote sensing instruments for imaging of the Sun with high temporal and spatial resolution. The full set of LPI instruments include: (1) EUV telescope TREK; (2) solar imager in hard X-ray SORENTO; (3) heliospheric imager Heliosphera and (4) wight-light coronograph OKA. Start of the mission is scheduled on 2018. We discuss the preliminary scientific plan of the mission and various technical aspects of the experiment.