

# JRP r02 ProbeTrace - Traceability for contact probes and stylus instruments measurements.

Contact: Okhan GANIÖĞLU - TUBITAK, Gebze/Kocaeli, TURKEY (JRP Coordinator)  
(E-mail: [okhan.ganioglu@tubitak.gov.tr](mailto:okhan.ganioglu@tubitak.gov.tr))

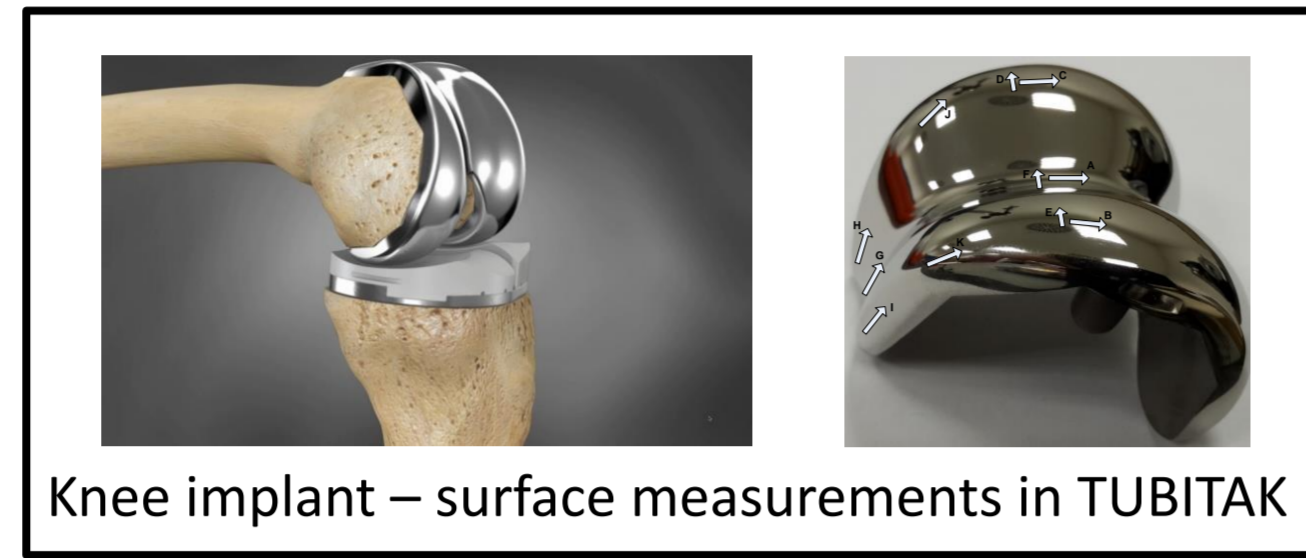
Presented by Dr. Tanfer YANDAYAN (TUBITAK) in EMPIR Review Conference  
8 November 2018, Monaco. (E-mail: [tanfer.yandayan@tubitak.gov.tr](mailto:tanfer.yandayan@tubitak.gov.tr))

**Overall objective:** To develop traceable and cost effective measurement capabilities for the calibration of form and surface roughness standards with uncertainties in the range of 10 nm – 100 nm.  
**JRP Start date (estimated) and duration :** 1 June 2019, 36 months

## REQUIREMENTS & BACKGROUND

Surface finish and form of the products are important features to be examined for engineering and scientific purposes. Such characteristics of surface include ;

- wear resistance,
- bearing, sliding and lubricating properties,
- fatigue and corrosion resistance,
- gloss, paintability
- functionality etc.



These are important parameters for the industries. Form and surface measurement devices with contact probes and stylus are used to characterise engineering surfaces.

