**Collection of papers and resources**

University of Bristol papers

**High Precision Human Detection and Tracking Using Millimeter-Wave Radars**

<https://ieeexplore.ieee.org/document/9318574>

**A Real-Time and High Performance Posture Estimation System Based on Millimeter-Wave Radar**

<https://ieeexplore.ieee.org/document/9460280>

**A Novel High Performance Human detection, Tracking and Alarm System Based on millimeter-wave Radar**

<https://ieeexplore.ieee.org/abstract/document/9460150>

**Real-Time Short-Range Human Posture Estimation Using mmWave Radars and Neural Networks**

<https://ieeexplore.ieee.org/abstract/document/9614192>

Other university Papers

**Heart Rate Sensing with a Robot Mounted mmWave Radar**

<https://ieeexplore.ieee.org/abstract/document/9197437>

**3D-Skeleton Estimation based on Commodity Millimeter Wave Radar**

<https://ieeexplore.ieee.org/document/9345237>

**Feature Extraction from Grid Maps using Millimeter Wave Radar Based on Motion Platform**

<https://ieeexplore.ieee.org/document/9018726>

**Spectrum-Based Hand Gesture Recognition Using Millimeter-Wave Radar Parameter Measurements**

<https://ieeexplore.ieee.org/document/8736874>

**A novel hierarchical foreign obeject debris detection method for millimeter wave radar**

<https://ieeexplore.ieee.org/document/8051968>

**High resolution, millimeter-wave radar applications to airport safety**

<https://ieeexplore.ieee.org/document/7724144>

**Experimental feasibility study of 96 GHz FMCW millimeter-wave radar based upon radio-over-fiber technology-fundamental radar reflector detection test on the Sendai airport surface-**

<https://ieeexplore.ieee.org/document/6994540>

**IoT-Ready Millimeter-Wave Radar Sensors**

<https://ieeexplore.ieee.org/document/9345836>

**Ego-localization Robust for Illumination Condition Changes based on Far-infrared Camera and Millimeter-wave Radar Fusion**

<https://ieeexplore.ieee.org/document/9294170>