

## Dr Huanjia Yang

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[http://lboro.ac.uk/departments/co/people/acad\\_staff/yang\\_h.html](http://lboro.ac.uk/departments/co/people/acad_staff/yang_h.html)

# Research Group Profile



## **Research interests:**

Wireless Sensor Networks and RFID  
Systems of Internet/Web of Things

## **Potential applications:**

Remote monitoring, identification and control systems

## **Selected projects in the group:**

SafetyNet <http://www.firesafetynet.org.uk/>

IndeedNET <http://www.indeednet.org/>

# Research Group Profile



## Selected Transport related projects:

**SpeedTag** (completed) An I2V automated speed warning system, funded by UK Transport iNET

**VehicleTrek** (ongoing) An WSN/RFID-based vehicle tracking system, partnered with TOYOTA and UK Transport iNET

## Topics of interest include, but are not limited to:

**GC.SST.2013-7.** Technical and operational connectivity in intermodal freight transport;

**SST.2013.5-2.** Low cost flexible automation and mechanisation in small to medium shipyards;

**SST.2013.5-3.** Innovative, cost-effective construction and maintenance for safer, greener and climate resilient roads.