

Projects 2009

UTC Core Programmes

**ARCHITECTURES
AND SYSTEMS**

Haydn Thompson

**HEALTH
MONITORING
TECHNOLOGIES**
Andy Mills

ADVANCED CONTROL

Korak Ghosh

Gearing

**Fault Tolerant
Control Systems
Certification**

PhD Self –Funded
Alejandro Torres

ASTRAEA UAVs

RA TSB Funded
£168K
Paolo Gunetti

**Team Black
Shadow**

Dr Tony Dodd

**Optimisers for
Aerospace EHM and
Control**

Danial Kahani

MOSAIC

RA TSB Funded
£250K
Benjamin Apopei
A Zammit Mangion

**Model Predictive
Control**

PhD Dorothy
Hodgkin Award
Korak Ghosh

**More Open Electrical
Technologies - MOET**

EU Funded 346KEuros
Margrate Mawire &
Ben Taylor

**Aircraft Wireless
Nervous System**

RA Airbus/EPSC
Funded
Max Ong

**Wireless
Sensors**

M Mirzapur
A Hidalgo Lopez
Alisdair Craig

**Electrical Current
Analysis**

Atai Adress
Cheng Wui Yapp

**Model Uncertainty
Analysis**

Dr Rob Harrision
Hong Gao
Jeremy Sykes

**Control Strategies
for a
Cleaner Exhaust**

OMEGA Funded
Korak Ghosh

**MEMS
Sensors**

RR MSc
Nick Davis

**Energy
Harvesting**

Steve Charlton

**Plug &
Play Sensors**

RR MSc
Chris Goy

**EHM Signal
Analysis Tool**

Alvin Huang

EHM System Design

K Krishnanathan

**Performance
Maintaining
Control**

Mikil Patel

Underpinning Programmes

**Wireless Sensors and
Energy Harvesting for
Intelligent Railway Infrastructure**

Ben Taylor

**Multi-Objective
Decision Making**

PhD Industry-funded
Bob Lygoc

Autonomous Systems

Dr. Tony Dodd

**Engine Control –
Virtual Laboratory (Trainer)**

Jennifer Salter