

Turbocharger
Research
Institute

www.hud.ac.uk/tri

Visiting Professors Conference

18 June 2018

Tips on Getting Started

UNIVERSITY OF THE YEAR
THE AWARDS
AWARD WINNER

2012
THE AWARDS
WINNER



University of
HUDDERSFIELD
Turbocharger Research Institute



- Pierre French
- CEng, MIMECHE
- 37 Years at Cummins Turbo Technologies
- Director Advanced Engineering
- Wide experience in Design, Development, Problem Solving, Quality and International Project Management
- 43+ patents
- Now retired 3years



- Working in Turbocharger Research Institute at Huddersfield University
- Three Years as RAE VP
- Working with Professor John Allport - sponsor
- Dr Leigh Fleming, Subject Area Leader Mechanical Engineering is a key support

Mission



University of
HUDDERSFIELD
Turbocharger Research Institute

- Bring the world of Industry into your Academic Environment
- Help make Graduates more aware and 'work ready'
- Provide suggestions on how curriculum tweaks can enhance student capability
- Suggest research and project activities which may help your industry
- Create links with Industry Partners
- Work with students on projects to bring new insights
- Create and deliver optional enrichment talks outside the curriculum

Talks I have Developed and Delivered

- Ethics in Industry
- How Turbocharging Really Works
- Intellectual Property
- Leadership and Teams
- Problem solving
- Tips on Being in Industry
- Classification of Characteristics

Talks I have delivered



- Talks are based on my 'wish list' for capabilities students have before starting work
- Material is available to all University staff to deliver if they wish
- To date I have delivered it all as 'enrichment'
- Have involved my previous employer, Cummins
- Generally well attended –by Staff too

The Last Year



- Initiated two Undergraduate projects and supervised students
- Involved in marking Undergraduate projects
- Typically in the University once a week – half or full day
- Am on the Computing and Engineering Faculty School Board



- Be aware of the staff in your area.
 - Remember you are there to help them
- Connecting with students directly is more difficult than you think.
 - You will probably look intimidating
 - Let them come to you
 - Work at it
- Check frequently and review activities with you local sponsor

Thoughts and tips



- I now appreciate how a University functions at management level
- Being available to University Staff and Students is a big contribution on its own
- Staff appreciate your input - but do it the right way
- Having a log of when you are and what has been done is very useful



- This really is a great programme.
- If you are not having fun there is a problem
- It will put a smile on your face -guaranteed