

Turbocharger  
Research  
Institute

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# 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

# Introduction



- 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



- 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



- 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

# Finally



- 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