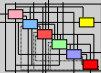


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U 20 Years of Study Tour: Lessons Learned B

Dr. Charles Watson
School of Civil Engineering
University of Birmingham

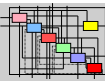


20 Years of Study Tour: Lessons Learned

Contents

- Some information,
- Some statistics,
- Some things learned,
- Some things still to learn,
- Some conclusions.

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20 Years of Study Tour: Lessons Learned

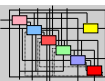
The European Study Tour

- Part of the MSc in RSE(I) since 1997,
- Nine days in duration,
- Takes place between early April and late June;
 - After the examination period,
 - Avoiding European public holidays.
- It is actually a module;
 - Currently LMR21,
 - Unassessed,
 - Not a holiday.

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20 Years of Study Tour: Lessons Learned

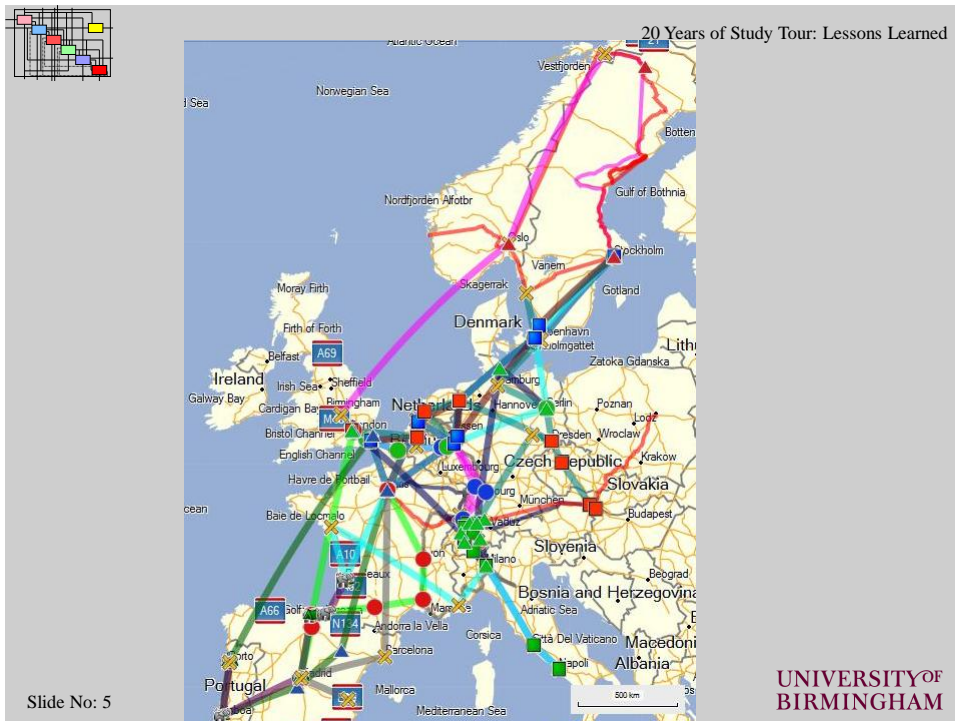
The European Study Tour

- Twenty Study Tours have been undertaken to date;
 - Felix has been on all of them,
 - Charles has been on 16.
- No participant has been maimed or killed;
 - So far, touch wood,
 - Psychologically it is a different story.
- Many former students describe it as the highlight of the course

Slide No: 4

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20 Years of Study Tour: Lessons Learned

Statistics

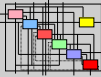
- 547 Participants,
- 221 Visits;
 - More control rooms than anyone should ever see.
- 84 Countries;
 - 15 Unique,
 - Switzerland most popular.
- 170 Cities;
 - 79 Unique,
 - Zurich most popular.
- 46674 km shown on previous map;
 - Over 50 Mm in total,
 - Twice around the world at latitude of Birmingham.

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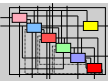


 20 Years of Study Tour: Lessons Learned

- You have to get up pretty early in the morning to participate in the Study Tour



Slide No: 8 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM



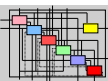
- Beware of the crocodile!

20 Years of Study Tour: Lessons Learned



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- Beware of the crocodile!

20 Years of Study Tour: Lessons Learned



Slide No: 10

MSc Programme in RSE(I) 21st Anniversary Edition

 • Beware of the crocodile!

20 Years of Study Tour: Lessons Learned



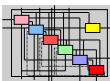
Slide No: 11 MSc Programme in RSE(I) 21st Anniversary Edition

 • Beware of the crocodile!

20 Years of Study Tour: Lessons Learned



Slide No: 12 MSc Programme in RSE(I) 21st Anniversary Edition



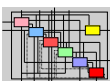
- Beware of the crocodile!

20 Years of Study Tour: Lessons Learned



Slide No: 13

MSc Programme in RSE(I) 21st Anniversary Edition



- The Study Tour needs to be amphibious.

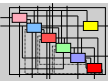
20 Years of Study Tour: Lessons Learned



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20 Years of Study Tour: Lessons Learned

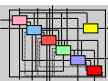
- Peoples questionable hobbies always come out.



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20 Years of Study Tour: Lessons Learned

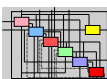
- There's more than one way to wear a hat.



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20 Years of Study Tour: Lessons Learned

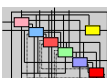
- Train driving can be an exciting occupation.



Slide No: 17

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20 Years of Study Tour: Lessons Learned

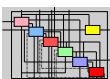
- A module dinner does not always need a guest speaker.



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20 Years of Study Tour: Lessons Learned

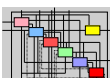
- Felix will always collect the bar tab.



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20 Years of Study Tour: Lessons Learned

- Sleeper trains are not named very well.



Slide No: 20

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 • **Projects start.** 20 Years of Study Tour: Lessons Learned

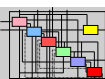


Slide No: 21 MSc Programme in RSE(I) 21st Anniversary Edition **UNIVERSITY OF BIRMINGHAM**

 • **Projects finish.** 20 Years of Study Tour: Lessons Learned



Slide No: 22 MSc Programme in RSE(I) 21st Anniversary Edition **UNIVERSITY OF BIRMINGHAM**



20 Years of Study Tour: Lessons Learned

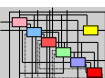
Other Notable Projects

- Oresund Link,
- HS1,
- Malmo Cross City Line,
- Lötschberg Base Tunnel,
- LGV Est,
- Antwerp Station,
- Copenhagen Metro,
- Dresden CarGo Tram,
- etc.

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20 Years of Study Tour: Lessons Learned

- Occasionally a bit of sightseeing can be done..



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20 Years of Study Tour: Lessons Learned

- Technology transfer does not have to be fancy.




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20 Years of Study Tour: Lessons Learned

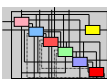
- Blending in with the locals is not possible..



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- One's linguistic skills are improved.

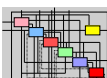
20 Years of Study Tour: Lessons Learned



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- The Euro has greatly simplified monetary transactions.

20 Years of Study Tour: Lessons Learned



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 • No expense is spared in providing travel. 20 Years of Study Tour: Lessons Learned

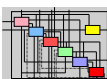


Slide No: 29 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM

 • Seriously, no expense. 20 Years of Study Tour: Lessons Learned



Slide No: 30 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM



20 Years of Study Tour: Lessons Learned

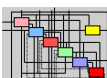
- Some workshops have too much time on their hands..



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20 Years of Study Tour: Lessons Learned

- There is always time for another lecture.



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20 Years of Study Tour: Lessons Learned

- A green box can generate a lot of interest.



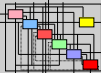
Slide No: 33 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM

20 Years of Study Tour: Lessons Learned

- What is seen can never be unseen.




Slide No: 34 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM



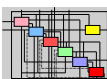
20 Years of Study Tour: Lessons Learned

- How does Felix arrange so many cab rides?



Slide No: 36 MSc Programme in RSE(I) 21st Anniversary Edition UNIVERSITY OF BIRMINGHAM

This slide contains a bullet point question: 'How does Felix arrange so many cab rides?'. To the left of the text is a small icon of a grid with colored squares. Below the text is a photograph of a train driver sitting in the cab of a train, looking out the window at a green landscape. At the bottom of the slide, there is a footer containing the slide number 'Slide No: 36', the program name 'MSc Programme in RSE(I) 21st Anniversary Edition', and the University of Birmingham logo.



20 Years of Study Tour: Lessons Learned

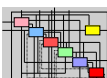
- Why are olde trains more interesting than new ones?



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20 Years of Study Tour: Lessons Learned

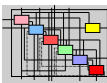
Conclusions

- The European Study Tour has been around a while,
- It is likely to be around a while longer,
- We've travelled quite a way in 20 Years,
- Some really good things have been seen,
- Other things cannot be unseen,
- "My feet hurt" is the most common post Study Tour comment.

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• Finally..

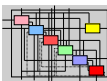
20 Years of Study Tour: Lessons Learned



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20 Years of Study Tour: Lessons Learned

fin

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