

**Materials Life Cycle Assessment (LCA) workshop**  
**Friday 22 April 2016**  
**INOX Conference Suites, Students Union Building**  
**The University of Sheffield**

- 09:30am – 10:00am Registration
- 10:00am – 10:20am: Keynote: A Life Cycle Approach towards Sustainability Thinking  
*Louis Brimacombe, TATA Steel*
- 10:20am – 10:40am: Life Cycle Assessment (LCA) for Resource Efficiency and Supply Chain Sustainability  
*Professor Lenny Koh, Advanced Resource Efficiency Centre (AREC)*
- 10:40am – 11:00am: New / Future Steels and their Resource Efficiency  
*Professor Mark Rainforth, Designing Alloys for Resource Efficiency (DARE)*
- 11:00am – 11:20am: Sustainability and Substitution in Functional Materials and Devices  
*Professor Ian Reaney, Functional Materials & Devices Group, University of Sheffield*
- 11:20am – 11:40am: Coffee/tea break
- 11:40am – 12:00pm Ti: Stronger Steels for Energy Absorption  
*Professor David Dye, Imperial College London*
- 12:00pm – 12:20pm: LCA modelling in JLR  
*Dr Christophe Pinna, SIMULIFE*
- 12:20pm – 12:40pm: LCA data and supply chain modelling: Solutions and challenges  
*Alex Hardwick, Thinkstep*
- 12:40pm – 1:00pm: Panel discussion  
*Chaired by Professor Iain Todd*
- 1:00pm-1:05pm Debriefing for afternoon workshop  
*Professor Ian Reaney*

1:05pm-1:35pm	Lunch
1:35pm-2:15pm	Workshop Breakout Groups Group 1 led by <i>Dr Richard Thackray</i> Group 2 led by <i>Dr Andrea Genovese</i> Group 3 led by <i>Prof Iain Todd</i>
2:15pm-2:30pm	Group 1 report back
2:30pm-2:45pm	Group 2 report back
2:45pm-3:00pm	Group 3 report back
3:00pm-3:15pm	Summing up and concluding remarks <i>Professor Mark Rainforth and Professor Lenny Koh</i>
3:15pm	Drinks and networking