



Alternative Energy and Combustion

卡迪夫之夏 2018-替代能源与氧化暑期课程

时间: 2018 年 7 月 21 日至 8 月 4 日 费用: 1995 英镑

Developing sources of energy to meet the demands of the future is one of the foremost challenges facing engineering.

开发能源以满足未来的需求是工程界面临的首要挑战之一。

Our Alternative Energy and Combustion Summer School gives you a comprehensive overview of the key themes and theories around developing alternative energy sources and systems.

我们的替代能源与氧化暑期课程使你对围绕开发替代能源的资源与系统的关键主题和理论有综合的概览。

Developing sources of energy to meet the demands of the future is one of the foremost challenges facing engineering. This Summer School offers you the opportunity to develop your understanding of a number of different types of alternative energy sources whose outputs are suitable for conversion into electrical and thermal power energy.

开发能源以满足未来的需求是工程界面临的首要挑战之一。这个暑期课程为你提供一个机会，让您了解一些不同类型的可替代能源，其输出适合转换为电能和热能。

You will be able to practice a range of skills as part of this Summer School, including working effectively in a small group environment and solving problems using an integrated, multidisciplinary approach.

作为这个暑期课程的一部分，你将能练习一系列的技能，包括在小团队环境中高效的工作以及运用综合的多学科的方法解决问题

Preliminary schedule (Please note this is subject to change.)

替代能源与氧化初步计划（可能有更改）

Saturday 21 July 2018 7月21日周六	Arrival in Cardiff (Pick up from Heathrow provided) 抵达卡迪夫（提供希思罗机场接机）
Sunday 22 July 2018 7月22日周日	Social event 社会活动
Monday 23 July 2018 7月23日周一	Welcome lecture and orientation scavenger hunt 致欢迎辞及迎新寻宝活动
Tuesday 24 July 2018 7月24日周二	Induction (Induction to engineering, health and safety, tour through engineering) 介绍（介绍工程、健康和安全，参观工程学院） Introduction to combustion 氧化概论
Wednesday 25 July 2018 7月25日周三	Alternative energy systems 可替代能源系统 Introduction to combustion science 氧化科学 Industrial seminar 行业研讨会 Self-study - Poster preparation 自学-准备海报
Thursday 26 July 2018 7月26日周四	Laboratories (combustion) 实验室（氧化） Laboratories (thermofluids) 实验室（流体热流学） Industrial visit (waste power plant/COGENT) 行业参观（废物发电厂/COGENT）
Friday 27 July 2018 7月27日周五	Research methodologies lecture 研究方法讲座 Laboratories 实验室
Saturday 28 July 2018 7月28日周六	Field trips and free time 实地考察和自由时间
Sunday 29 July 2018 7月29日周日	Field trips and free time 实地考察和自由时间
Monday 30 July 2018 7月30日周一	Alternative energy systems 可替代能源系统 Introduction to combustion

	氧化概论 Self-study – Poster preparation 自学-准备海报
Tuesday 31 July 2018 7月31日周二	Industrial visit (Biomass Centre/Culham Lab) 行业参观 (Biomass 中心和 Culham 实验室)
Wednesday 1 August 2018 8月1日周三	Alternative energy systems 可替代能源系统 Combustion lecture 氧化讲座
Thursday 2 August 2018 8月2日周四	Gas turbine combustion technology 燃气轮燃烧技术 Laboratories 实验室
Friday 3 August 2018 8月3日周五	Final assessment day 毕业评估日 Final Gala Ceremony 毕业庆典仪式

Costs 费用:

The fee for the Summer School is £1,995.

为期两周的暑期课程的费用为 1995 英镑,

This includes tuition fees, accommodation, 10 meals per week (breakfast and lunch, Monday to Friday), airport pick up and drop off from Heathrow airport on fixed dates (pick up is on 21 July, drop off is 4 August) and excursions organized by Cardiff University (such as Stonehenge and industrial visits).

包括学费, 住宿费, 周一至周五的早餐和午餐, 希思罗机场接送机 (7.21接机, 8.4送机) 以及卡迪夫大学组织的短途旅行 (比如巨石阵和行业参观)

Contact us 联系我们

If you have any questions or for more information, please email angelacs@foxmail.com or call Angela at +8613263461779 (in Chinese), or visit our WeChat account.

如果您有任何问题或更多信息, [请发送电子邮件至angelacs@foxmail.com](mailto:angelacs@foxmail.com)

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欢迎关注我们的微信公众号-卡迪夫之夏, 了解卡迪夫暑期课程的全部内容。

