

UNIVERSITY OF  
BIRMINGHAM

## School of Metallurgy and Materials Community

Part of  
**THE EPS COMMUNITY**



### Winter 2015

Greetings

Once again the end of the autumn term is nearly upon us and this year has seen us welcome over 120 new undergraduate and postgraduate students to the School. We have celebrated the Inaugural Lectures of Professor Moataz Attallah and Professor Alison Davenport hearing about their research into 3D printing and corrosion, respectively and we have played host to the IOM3 Younger Members' 2015 Matopoly.

Our students continue to be busy, with an eventful start to the year for BUMS and NucSoc, whilst WISE continue to promote the opportunities available to female scientists and engineers.

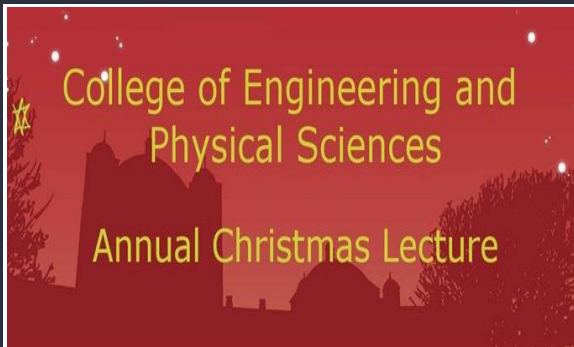
It's always a pleasure to hear from our alumni and I'm delighted to read about Caroline Taylor's start to postgraduate life at Imperial and look forward to hearing more about her continued successes.

I wish you a pleasant and restful Christmas and I look forward to updating you on the School in the spring term.

With best wishes

**Dr Stephen Kukureka**

Deputy Head of School  
Metallurgy and Materials



## EPS Christmas Lecture 2015: Stuff Matters

This year's EPS Christmas Lecture will be delivered on 8 December by Professor Mark Miodownik, internationally renowned materials engineer, broadcaster and resident scientist on BBC programme Dara O Briain's Science Club. Professor Miodownik will be revealing the changes to the material world that are coming our way from bionic people with synthetic organs to living buildings and objects that heal themselves.

[FIND OUT MORE >](#)



## IOM3 Younger Members' 2015 Matopoly: Birmingham Edition

This year, the city of Birmingham played host to the annual IOM3 Younger Members' Matopoly event. With attendees from around the country, teams were required to complete a timed materials science-themed Monopoly challenge across the city.

[FIND OUT MORE >](#)

## "The best place in Birmingham..."

In a new feature we'll be asking students and alumni in the College of Engineering and Physical Sciences about their favourite places in Birmingham. In this edition they tell us "The best place in Birmingham to hang out after lectures".



[FIND OUT MORE >](#)



## University opens up views lost for over 50 years

The first glimpse of how a striking new parkland in the centre of the University's historic campus could look has been revealed. The image, by Churchman Landscape Architects who have been chosen to design the space, depicts the historic campus from North Gate, showing the view towards the Joseph Chamberlain memorial clock tower, the focal point of the site.



## Societies News

It's been a busy start to the new academic year for our societies! [BUMS](#), [NucSoc](#) and [WISE](#) tell us about their events over the past few weeks, welcoming new members, to their plans for the coming months.

[FIND OUT MORE >](#)

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## News Round-Up

There have been a number of appointments in the School over the past few months. Read a summary of our new staff [here](#).

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The University recently unveiled its [five-year plan](#) to deliver real impact, tackle major challenges and transform lives through its research, education, investment and influence.

Birmingham has been named [University of the Year for Graduate Employment](#) in The Times and The Sunday Times Good University Guide 2015-16.

A Qur'an manuscript held by the Cadbury Research Library and thought to be among the oldest in the world, was [recently exhibited at the University](#).



## Alumni News

In this edition we hear from Caroline Taylor (BSc Sports and Materials Science, 2015) on how she's adjusting to life after Birmingham.



## Get Involved!

There are many ways you can get involved with us:

- Send us your news for a chance to feature in our next edition
- Become a mentor and help

support our students Offer a  
work experience placement

- [Hang a personalised bauble on our Christmas tree!](#)

And don't forget to let us know where  
your favourite place to socialise after  
lectures was!

[FIND OUT MORE >](#)

[EMAIL US >](#)

## Events

### [EPS Inaugural Lecture Series](#)

For information on upcoming lectures in the EPS Inaugural Lecture Series  
please [visit our website](#).

**Saturday 5 December 2015**

### [Christmas at Winterbourne](#)

Winterbourne's ever popular Christmas event returns on 5<sup>th</sup> December, bringing a traditional Christmas to Birmingham. With the house beautifully dressed in traditional decorations, carol singers providing an unforgettable atmosphere, magic lantern shows and an expanded craft stalls areas, there's plenty to keep you entertained.

**Time:** 11am-7pm

**Venue:** Winterbourne House and Garden, Edgbaston Campus

**Monday 7 December 2015**

### [Festive Drinks at the University Carol Service](#)

Join fellow University of Birmingham alumni, staff and students for the perfect start to the Christmas season. Come back to campus for an uplifting and joyful carol service, organised by the University Chaplaincy and Department of Music and featuring carols, readings and festive poems, all in the beautiful surroundings of the Great Hall. Alumni are then invited to join us in the Rotunda (above the Aston Webb foyer) for mulled wine, fruit juice and mince pies.

**Time:** 6.15pm-9pm

**Venue:** Great Hall, Aston Webb Building, Edgbaston Campus

**Tuesday 8 December 2015**

**EPS Christmas Lecture**

### **Professor Mark Miodownik: Stuff Matters**

Whatever people think about the rapid pace of change of technology, our most fundamental categorization of stuff on the planet has not altered: there are living things that we call life, and there is non-living stuff that we call rocks, tools, buildings and so on. As a result of our greater understanding of matter, this distinction is now becoming blurred and is likely to usher in a new materials age. Bionic people with synthetic organs, bones and even brains will be the norm. Just as we are becoming more synthetic, so our man-made environment is changing to become more lifelike: living buildings, and objects that heal-themselves are on the horizon. This lecture reviews the changes to the material world that are coming our way.

**Time:** 6.30pm-8.30pm

**Venue:** Leonard Deacon Lecture Theatre, Medical School, Edgbaston Campus

### **Tuesday 19 January 2016**

#### **Distinguished Leaders Series: Paul Szumilewicz and Lucy Williams (HSBC)**

In the latest lecture in the Distinguished Leaders Series, the Birmingham Business School (BBS) Alumni Relations team are delighted to welcome Paul Szumilewicz and Lucy Williams to discuss 'Leading Change: Challenges and opportunities of moving HSBC's Ring-fenced bank from London to Birmingham'.

**Time:** 6pm-8pm

**Venue:** Room G12, Main Lecture Theatre, Birmingham Business School, Edgbaston Campus

### **Wednesday 9 March 2016**

#### **EPS Distinguished Lecture: Professor Dave Charlton FRS**

Professor Dave Charlton FRS, spokesperson of the ATLAS Collaboration at the Large Hadron Collider at CERN will be delivering the next EPS Distinguished Lecture. Please see the [website](#) for more information.

**Time:** 6pm-7.30pm

**Venue:** Edgbaston Campus

### **Wednesday 8 June 2016**

#### **EPS Societies' Awards**

Come and celebrate with our student societies as we recognise their fabulous achievements in 2016/17.

**Time:** 7pm-11pm

**Venue:** The Great Hall, Edgbaston Campus

### **Saturday 18 June 2016**

#### **EPS Alumni Reunion**

As a graduate of one of the nine schools in the College of Engineering & Physical Sciences (EPS), you are invited back to campus for a Summer Reunion to get together with your fellow alumni to celebrate your experiences, accomplishments and friendships at

the University of Birmingham.

**Time:** 9.30am-6pm

**Venue:** Edgbaston Campus

**Monday 12 September 2016**

**[Alumni Golf Day 2016](#)**

Following on from the success of the inaugural University of Birmingham Alumni Golf Day held in 2015 at Edgbaston Golf Club, we are delighted to announce that another event is planned for 2016. Please see the [website](#) for further information.

**Time:** 10am-6pm

**Venue:** Edgbaston Golf Club

The University of Birmingham has alumni groups all over the world that organise local events. To join a group and see details of upcoming events please visit the [webpage](#) and select your location.



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