### A Philosophy of News: Speed and Communication. Launchpad Briefing Room

19.30-20.00, 20.15-20.45, 21.00-21.30

The increasing speed of communication technologies is intertwined with the experience of everyday life in today's world. Tom Vandeputte from the London Consortium will discuss the philosophy and history of the instantaneous dissemination of news via digital media and social networks.

#### The Big Bingo Show and DJ Hey Baylen, Flight 19.30-20.00, 20.15-20.45, 21.00-21.30

Calling all bingo queens and bingo kings. Join the glamorously bearded Timberlina, empress of the bingo call. For one night only we're giving you an amazing opportunity to win fantastically cheap prizes and participate in a joyful night of riotous hilarity and spontaneous dance routines.

### The Largactyl Shuffle's Festina Lente (Hurry Slowly) Tour, meet outside Health Matters

19.30-20.10, 20.30-21.10

The Industrial Revolution brought about new technologies in transport and communication, such as the steam engine and the telegraph. These kinds of developments have profoundly changed our lives and continue to do so. So how does the modern pace of life affect our mental wellbeing? Is it making

Tour developed by Cooltan Arts - cooltanarts.org.uk

#### Speed Dating, Launchpad City 20.15-21.30

This could be your chance to meet the person of your dreams... or possibly nightmares. There's also a free drink thrown in for

Limited numbers, buy tickets early to avoid disappointment. Charge £10, free to Corporate Members. Tickets can be purchased from the main ticket desk on the ground floor.

### Fly with the Red Arrows in Fly Zone

19.15-21.10, charges apply

Discover the thrill of flying in the cockpit of a Red Arrows jet in our breathtaking Red Arrows 3D flight simulation theatre. Half-price Lates special offer – £3 per ride. Corporate Members go free.

### Take control in our 360° flight simulators

19.15-21.10, charges apply

Have you ever wanted to fly your own jet? Our Fly 360° interactive flight simulators allow you to do just that.

Lates special offer – £10 per ride.

Corporate Members get a 20% discount.



### Wednesday 28 August

How do we digest our food? Why does alcohol make us light-headed? Why do we dislike certain tastes?

Join us for answers to these questions as we delve into the science behind food and drink.

### Highlights will include:

#### Flavour SenseNation

Map out your tongue, guess the smell and hear your food better. All this and more with tastings and challenges from Flavour SenseNation.

### Liquid Nitrogen

Meet our resident ice-cream team who'll be mixing liquid nitrogen with your favourite flavours for an instant '99. It's a thing of dreams!

#### It Takes Guts science show

Poo, vomit, burping and farting... Need we say more? The It Takes Guts show guides you on a food journey through the body, from the top to the, er, bottom.

### Highlights from Our Collections

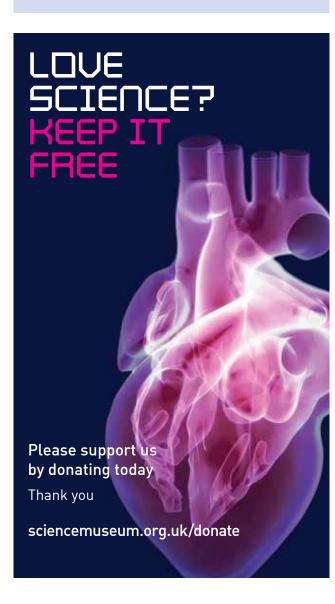
As part of the Collections Trust's Hidden Treasures events, join our expert curators for a journey through our unique collections, highlighting of their favourite food-and-drink-related objects.

> Visit sciencemuseum.org.uk/lates for more information.

If you've enjoyed Lates, why not come along to our free adults-only events at the Dana Centre? Take part in exciting, informative and innovative nights connecting



contemporary science, technology and culture. Visit danacentre.org.uk for more information.



### Information

#### Food and drink

Enjoy a bite to eat in the Energy Café or Deep Blue Diner on the ground floor and grab a drink at one of our bars. All bars are cash only. An ATM is located between the Shop and the Eneray Café.

### Shopping

The Science Museum Shop is open and located on the around floor.

#### Toilets/Cloakroom

Toilets are located on the ground floor, second floor and in the Launchpad gallery on the third floor. A cloakroom is available on the lower ground floor.

#### Talk to us

Remember to complete a survey form before you leave so we know what you enjoy at Lates (available from the main exit). If you have any questions about Lates, e-mail lates@sciencemuseum.org.uk.

And remember, if you're talking about Lates on Twitter, please use #smlates to help others find your opinions, photos and videos.

A night for adults (18) You may be asked for ID



MasterCard is delighted to be partnering with Science Museum Lates. Each month we'll be offering exclusive access to a range of Lates activities including VIP tables at the Pub Quiz and priority seating for the Punk Science show. These are available on the night for cardholders who sign up on pricelesslondon.co.uk. Don't forget, you can also save 10% in the Science Museum Shop and in the Museum's cafés with your MasterCard tonight. Visit us at the Priceless London desk to find out more.

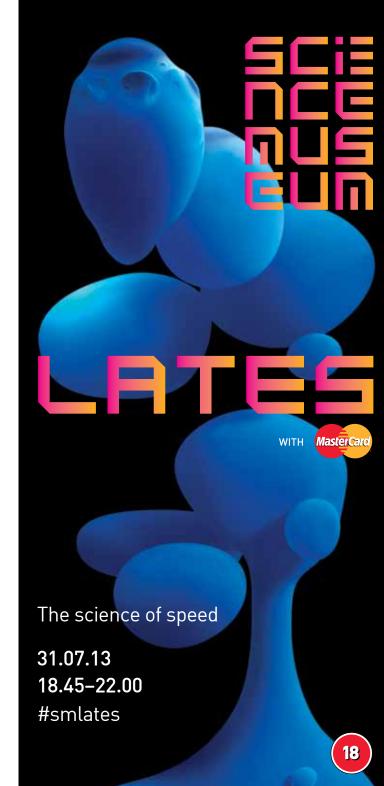
pricelesslondon.co.uk #pricelesslondon @MasterCardUK



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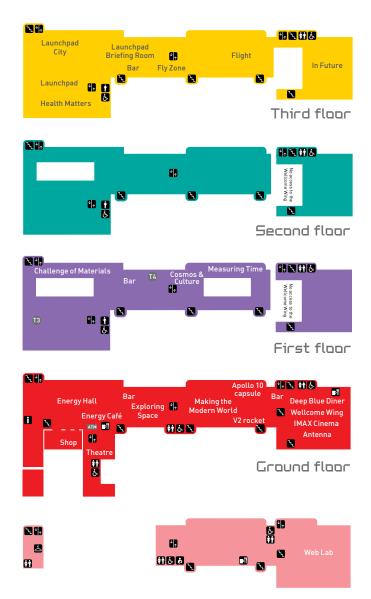
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### Welcome to Science Museum Lates with MasterCard

This month's Lates is looking at speed...



Basement

### This month's highlights

This month we're on the fast track for a look at the science behind speed. We'll be joined by some solar eco-racers and cyclists, and finding out just how fast communication today really is.

#### **Basement**

### Web Lab All night

Enter Web Lab, a series of interactive Chrome Experiments made by Google bringing the internet to life. Join online visitors to create music together, watch your portrait being drawn by a robot and discover more besides in this first-of-its-kind web-based exhibition.

#### Ground floor

### MasterCard Priceless London desk, *Exploring Space* 18.45–21.30

The MasterCard Priceless London team are offering MasterCard cardholders exclusive access to a range of popular events throughout the evening on a first-come-first-served basis. Drink vouchers are also available for the first 80 MasterCard cardholders who sign up on pricelesslondon.co.uk tonight. Come and see us to find out more!

# Faster than the Eye, meet at the V2 rocket in Making the Modern World

20.45-21.15, 20.45-21.15

Experimental illusionist Neil Monteiro gives a rare insight into the methods of the quickest card sharps and conjurors. See apparently impossible stunts of speed and reaction with demonstrations of the science behind the trickery.

### Punk Science: The Fast and the Spurious, IMAX Cinema 20.30–21.15

Pop quiz hotshots, do you feel the need? The need for speed? Join Punk Science as they take you on a comical journey into the science of speed. We also promise there'll be no more tenuous speed-related film references in the show. So for quick-witted puerile comedy and fast-paced science demonstrations, may the force be with you...

### Red mill engine demonstration, *Energy Hall* 18.45–19.45. 20.30–21.30

For over 300 years steam has been the driving force behind the working factories, shipping and railways essential for trade. Even now, steam turbines generate the majority of the electricity we use every day, both at home and at work. Visit the *Energy Hall* to see our huge red mill engine being run by our workshop technicians.

# Photo booth: Shutter Speed! Making the Modern World All night

Always imagined yourself hurtling along the Riviera with the wind in your hair and sun in your eyes? Come along and have your photo taken as a glamorous seafarer beside *Miss England*, a speedboat created in 1928 for Henry Segrave. Built using contemporary aircraft techniques, this boat sliced through the waves at 91 mph and zoomed its way into boating history.

# Speedy Gene Cernan, meet at the Apollo 10 capsule in *Making the Modern World*

19.45-20.05, 20.20-20.40, 21.00-21.20

Meet an actor in role as Gene Cernan, the last man to set foot on the Moon, who reached a speed of 24,400 mph in order to leave the Earth's gravitational pull!

### Silent Disco, Exploring Space

19.00-21.40

Whether you're practising your moves or just in the mood to slam dunk the funk, grab a headset, select your tunes and dance until you drop. The Science Museum does not accept responsibility for the quality of some of the moves you will see this evening.

### The Pub Quiz, Deep Blue Diner

20.00-21.00

Come to our Pub Quiz. There are some fantastic treats for the winners and not very funny wisecracks. Losers get directions to a library for extra swotting.

Places limited to 100 visitors. Charge £2. Free to Corporate Members. Doors open at 19.30 for prompt start at 20.00.

#### Solar Racers, Antenna

19.00-21.30

Meet the UK's number-one contenders for the World Solar Challenge 2013 and check out their radical new racer. Cambridge University Eco Racing are a 60-strong student team who've designed a solar car capable of reaching motorway speeds on as much power as a hairdryer uses. No hot air here, just brilliant engineering.

#### In the Blink of an Eye, The Theatre

19.30-20.00, 20.15-20.45, 21.00-21.30

Dr Bill Proud of the Institute of Shock Physics at Imperial College London presents a concise history of the inventions, murders and scandals involved in high-speed photography. His talk will highlight how the possession of images informs our understanding, improves design and efficiency, and ultimately saves lives.

#### Talkaoke. Antenna

18.45-20.00, 21.00-21.40

Pull up a chair and have your say at our flying saucer of chat. This unique mobile talk show gets down with the hottest topics.

### Gallery tour of *Making the Modern World* 19.30–20.00



From the Steam Age to the Space Age, join us on a tour of our breathtaking gallery showcasing 150 of the most significant items from the Museum's collections.

Suitable for deaf and hearing visitors.

### First floor

# Rollapaluza Roller Racing, temporary exhibition space 4 All night

Cycle 500 metres as fast as you can without going anywhere. Crazy? In fact it's a craze from the 1940s and 1950s called Rollapaluza roller racing. See if it brings out the competitive streak in you!

### Speed Derby, temporary exhibition space 4



your own speed machine. Have fun racing it down our custombuilt track and competing for your pride... and maybe a prize.

### Making Time: Slowness in a Speedy World, meet in Measuring Time

19.40-20.00, 20.20-20.40, 21.00-21.20

Curator of Time David Rooney looks at the clocks that sped up our lives – and the timekeepers offering a slower alternative.
From the girl with the golden voice to the Clock of the Long Now, time technology plays a crucial role in helping us navigate the modern world.

### Speed Cup Stacking Challenge, Challenge of Materials All night

You've seen the YouTube clips... now's your chance to become the skilled cup-stacker you always wanted to be. Watch the experts and join in the fun.

### Free Running, temporary exhibition space 3 19.30–19.50, 20.00–20.20, 20.30–20.50, 21.00–21.20

Find out from the experts how they can jump from great heights and land without a scratch. Using their bodies and the world around them, these guys propel themselves through the streets at amazing speeds. They truly are the human alley cats of our urban jungle.

### Beep Test Challenge, near Cosmos & Culture Every 15 mins. 19.15-21.30

We hope you've got your trainers on! This activity will push you to the beeping limit. Run against the beeps to see if you can beat the scores of the RAF, Royal Marines and British Army.

### Third floor

# Science shows: Rockets, meet outside *Launchpad* 19.30–19.50, 20.00–20.20

Can't get your head around rocket science? Join us for an interactive show exploring how rockets get into space, what they do when they're up there and how they get back down again – all with the help of Sir Isaac Newton.

# Science shows: Flash! Bang! Wallop! Meet outside Launchpad

20.40-21.00, 21.10-21.30

Flash! Bang! Wallop! explores the volatile and explosive science of combustion. Learn what an explosion is and how one is made, watch a flame being held in the palm of a hand and see stunt Barbie blast out of her cannon!

# CUER: The Car, the Team and the Journey, *In Future* 19.45–20.15, 20.45–21.15

Think you know what a solar car looks like? Think again... Find out how the Cambridge University Eco Racing team cast convention aside to redefine the science and shape of solar racers. The big question is, will this be enough to win a 3000 km race across the Australian outback?