












SCIENCE GALLERY is an initiative of Trinity College Dublin – a dynamic and vibrant cultural space at the interface between the university and the city, developing exhibitions and events at the boundary between science, emerging technology, art and design. Through exhibitions and events on themes ranging from Music and the Body to The Future of Water, Science Gallery helps ignite a passion for science, technology and innovation. Since opening in 2008 over 800,000 visitors have engaged with Science Gallery, many of whom are young adults who now have a taste of the excitement of cutting edge research and innovation.

SUPPORTING SCIENCE GALLERY

THROUGH THE GENEROUS SUPPORT OF OUR PARTNERS, SCIENCE GALLERY DEVELOPS AND BRINGS GROUND-BREAKING EXHIBITIONS TO DUBLIN. BEING A PARTNER ALLOWS COMPANIES TO ENJOY YEAR-ROUND ASSOCIATION WITH SCIENCE GALLERY AND ITS WORK TO IGNITE PASSION AND CREATIVITY IN THE FIELDS OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHS. JOIN US IN INSPIRING THE NEXT GENERATION OF INNOVATORS, BUILDING A FRESH START FOR IRELAND'S FUTURE.

- FOUNDING PARTNER 
- SCIENCE CIRCLE    
- FOUNDING PATRONS DR. MARTIN NAUGHTON DR. BEATE SCHULER
- FOUNDING SCIENTIST PROF. MICHAEL COEY
- GOVERNMENT SUPPORT  An Roinn Post, Fiontar agus Nuálaíochta
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- MEDIA PARTNER  **THE IRISH TIMES**
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- 2012 PROGRAMME PARTNERS  

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SCIENCE GALLERY IS AN INITIATIVE OF TRINITY COLLEGE DUBLIN



2012

LOVE SCIENCE IN 2012

Science Gallery's mission of igniting creativity and discovery where science and art collide has never been as vital to Ireland's survival. Ireland needs to reinvent itself and cultivate a generation of creative, agile thinkers and doers able to bring together insights from diverse disciplines and move between science and art, between business and technology. — In 2012, Science Gallery will be a catalyst for this interdisciplinary reinvention, tackling themes ranging from the future of food and the science of happiness to hacking the city, nanotechnology, and gaming. These areas are already meeting grounds for research, business and artistry, and our exhibitions and events will continue

to foster creative connections between students, entrepreneurs, investors, and artists in inspiring and unexpected ways. — 2012 marks Dublin's tenure as European City of Science and host to the ESOF conference, bringing over 5,000 international scientists and over 500 science and technology journalists to Dublin. Dublin City of Science will demonstrate that science and technology are a vital part of our culture in parallel, and in partnership with literature, music, theatre, and film. — To celebrate Dublin City of Science 2012, Science Gallery's year-round programme will push the boundaries of creativity through exciting exhibitions,

events, and workshops at the nexus of science and art. Through Science Gallery's ongoing activities, Dublin City of Science 2012 can enjoy an enduring legacy in the heart of the capital. — We look forward to welcoming you to Science Gallery in 2012 and to sharing the moments of inspiration where art and science collide! — **Michael John Gorman**
— Director

EXHIBITIONS 2012

“IMAGINATION IS MORE IMPORTANT THAN KNOWLEDGE” Albert Einstein



WOULD YOU EAT AN EXHIBIT?

EDIBLE, Science Gallery's foray into the future of food is an exhibition you can eat. As an eater, you are a powerful agent of selection. You make choices at every meal that shape and change the culinary-agro-ecosystem. EDIBLE interrogates the emerging biotechnologies, innovative food cultures and novel culinary practices that are changing the way we eat. EDIBLE will be a sensory feast from morsels of genomic gastronomy to external mechanical digestive systems.



WHAT IS THE SECRET TO OUR HAPPINESS?

In spite of our financial woes, Irish people are still among the happiest in Europe according to recent research. How is this possible? Is it true that money doesn't buy happiness? How can neuroscience and psychology help us discover the root of happiness? HAPPY is delivered in partnership with Trinity College's School of Psychology, celebrating its 50th anniversary.



HOW CAN WE MAKE THE CITY WORK FOR US?

Over half of the world's 7 billion people live in cities. How can urban citizens tweak, modify, adapt and hack their city environment to make it work better. From sustainable development to under-development; from density to sprawl; from greenfield to green politics, from flash mobs to social networking. How will our cities of the future manifest? In partnership with IBM and Dublin City Council.



HOW SMALL CAN SCIENCE GO?

How will nanotechnology revolutionise healthcare and technology? What nano products are available right now? Is it actually possible to comprehend the nanoscale? This month-long nano lab will also give you the chance to be an investor and decide what you would invest money in and why. NANOLAB will be developed in partnership with CRANN and NanoNet Ireland.



WHAT'S IN STORE FOR THE FUTURE OF GAMING?

Ireland is rapidly emerging as a global hub for animation and games. GAME invites you to explore the fundamentals of what makes a game work. How will developments in technology, social media and augmented reality develop? Will the lines between game and reality become blurred in the future? Advisors include Steve Collins, Founder of Swrve and previously co-founder of Havok and Kore.

BIGGER, BETTER, MORE

Science Gallery's track record of exciting events continues in 2012 with favourites like TEDxDublin, Ignite, Expose Yourself, and Refresh, along with more talks and workshops from today's thought leaders in science, art, and technology. During 2012 Science Gallery plans to expand its successful speaker series in partnership with Science Foundation Ireland, bringing leading figures from the world of science and innovation to inspire the public. As usual, you'll find us rocking out at the Electric Picnic music festival, but we'll also be adding some new events to the mix, like Dublin's first Mini Maker Faire as part of ESOF2012.