

**TECHNOLOGY INSPIRED  
ARTWORK IS UNVEILED AT INTEL**

Earlier this year Intel commissioned local artist Jonathan Dickson to create a piece of artwork that would introduce Arts into the traditional Science, Technology, Engineering and Math's (STEM) programme. It was to be thought provoking and initiate conversations around the STEAM concept and to stimulate the imagination.

In October the piece was unveiled for the first time and includes a central painting with 4 accompanying parts. The main piece is entitled 'Gordon Moore. Superposition'. The 4 pieces that accompany it are named 'Haeckel's Radiolaria', 'The ocean refuses no river', 'Breathe' and 'Proxima B'.

To hear more about the piece and Jonathan's artistic process, visit [youtube.com/IntelIreland](http://youtube.com/IntelIreland) to view a special video created about the work.

**INTEL TO ACQUIRE MOVIDIUS:  
ACCELERATING COMPUTER VISION THROUGH REALSENSE™ FOR THE NEXT WAVE OF COMPUTING**

Intel's Josh Walden speaks about the acquisition. "We're entering an era where devices must be smart and connected. When a device is capable of understanding and responding to its environment, entirely new and unprecedented solutions present themselves. Simply put, computer vision enables machines to visually process and understand their surroundings. Cameras serve as the 'eyes' of the device, the central processing unit is the 'brain', and a vision processor is the 'visual cortex'.



With the introduction of RealSense™ depth-sensing cameras, we brought groundbreaking technology that allowed devices to 'see' the world in three dimensions - from recognizing objects, to understanding scenes; from authentication to tracking and navigating.

For this reason, I'm excited to announce our pending acquisition of Movidius\*. With Movidius, Intel gains low power, high performance SoC platforms for accelerating computer vision applications."

Josh Walden is Senior Vice President and General Manager of Intel's New Technology Group. Movidius has a number of employees located in Dublin city. Find out more at the Intel Ireland newsroom.

**INTEL RECEIVES CORPORATE SOCIAL RESPONSIBILITY AWARD FROM NORTH KILDARE CHAMBER**



**#ONOURDOORSTEP**



Since first establishing operations at the Leixlip campus we have been aware of the rich biodiversity contained within parts of the site and also the significance of the Rye water and its valley.

We constantly consider our ecological footprint at the campus and the preservation and improvement of the river is an important part of our voluntary environmental initiatives.

This year, we aided biodiversity on site by adding bird, bat and insect boxes, and we also planted a wildflower meadow with approx. 2 acres in an effort to increase pollinators in the area. Additionally, as part of Earth Day, we planted native wildflowers species to a woodland area by the IR6 office building.



**DO YOU WANT TO VISIT THE LEIXLIP CAMPUS?**  
Watch out for the upcoming Community visits on our social media sites and intel.ie

Want to find out more? [www.intel.ie](http://www.intel.ie) +353 1 606 7000 [intelireland.corporate.affairs@intel.com](mailto:intelireland.corporate.affairs@intel.com)

**WELCOME TO OUR NEW LOOK NEWSLETTER!**

Twice a year Intel shares a summary of the numerous different activities, programs and events which happen throughout the year - why not keep in touch on a regular basis by visiting our dedicated Intel Ireland newsroom online - [www.newsroom.intel.ie](http://www.newsroom.intel.ie).

The Ireland newsroom is regularly updated with a variety of articles, blogs and stories and is a fantastic resource for us to share with you all of our latest news as it happens.

**YOU CAN ALSO FIND US ON SOCIAL MEDIA:**

- @INTEL\_IRL
- FACEBOOK.COM/INTELIRL
- YOUTUBE.COM/INTELIRELAND



As we approach the end of 2016, we reflect on what has been a busy, interesting and exciting time for Intel, a year of many changes and developments and a year of many successes.

2016 marks our first full year of production on Intel's latest 14nm technology. Introducing such a complex, cutting edge technology was a significant challenge for the team here in Ireland but one that was met with enthusiasm and excellence and I am very proud of the world class results that we have delivered throughout this year.

We have also continued to see successes across other parts of our design, research and development operations in Ireland and we were very excited by the news that Dublin based visual sensing company, Movidius, would be joining the Intel team after an acquisition which was announced in September.

In November our CEO Brian Krzanich shared details of Intel's latest

quarterly earnings which set a number of new records across the business and included revenue of \$15.8 billion, operating income of \$4.5 billion, net income of \$3.4 billion and EPS of 69 cents. Speaking about the record results Krzanich said "It was an outstanding quarter. In addition to strong financials, we delivered exciting new technologies while continuing to align our people and products to our strategy. We're executing well, and these results show Intel's continuing transformation to a company that powers the cloud and billions of smart, connected devices."

I hope you will enjoy reading more about our latest news and events and I'm sure that you will take the opportunity to stay connected with us on a regular basis by visiting our



**DEAR NEIGHBOUR,  
HELLO AND WELCOME TO THE WINTER 2016  
EDITION OF THE INTEL NEWSLETTER**

online newsroom or following our updates on social media.

On behalf of all my colleagues here at Intel, I would like to wish you and your families a very happy and peaceful festive season and a prosperous 2017.

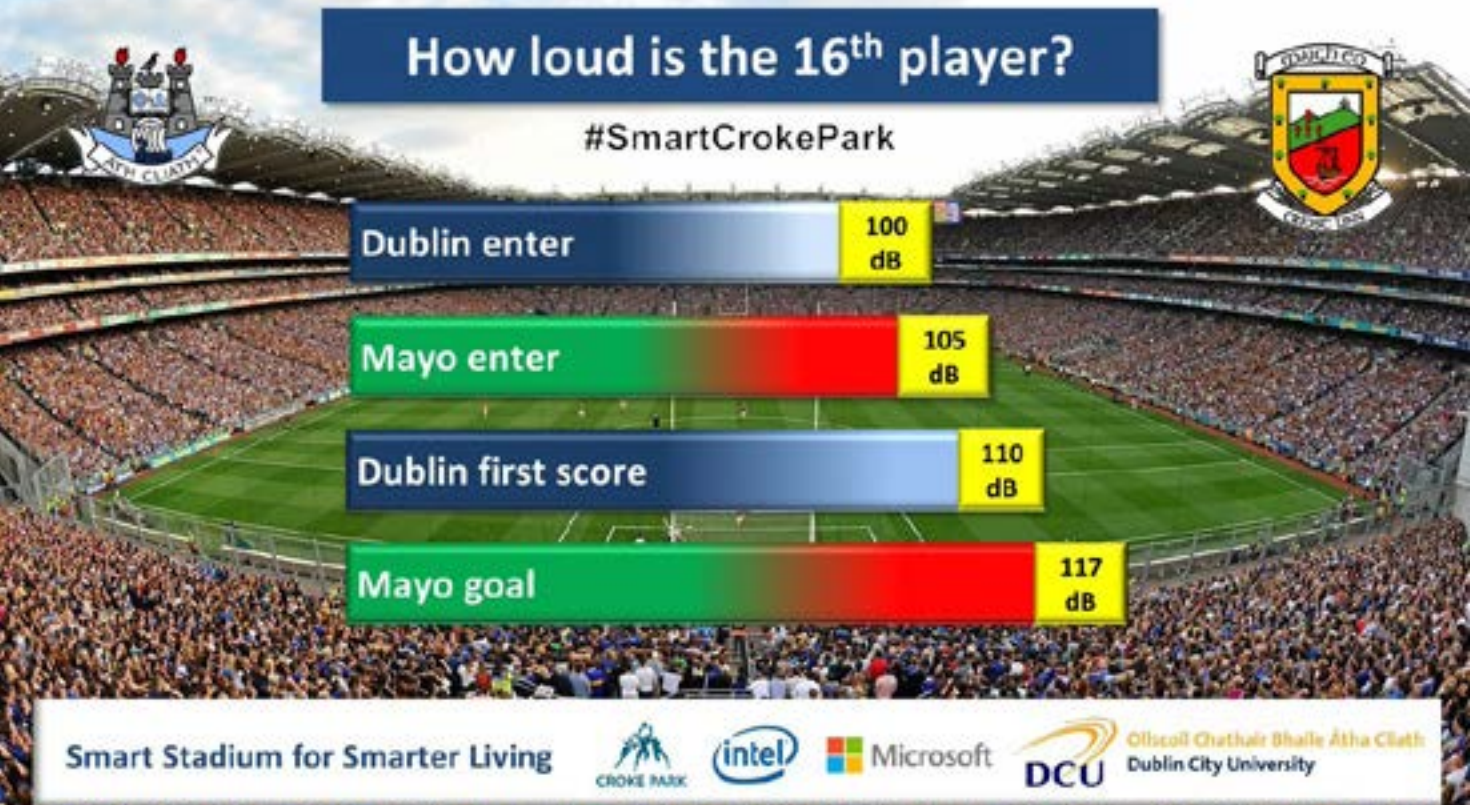
**Kindest Regards  
Eamonn Sinnott  
Intel Ireland General Manager**



**BRINGING TECHNOLOGY TO LIFE ON INTERNATIONAL DAY OF THE GIRL**

This year Intel once again worked together with a number of other companies and organisations, such as TOG, The Dublin Hackspace, to host Coder Girl Hack Day at the Dogpatch Labs in Dublin, to support a special International Day of the Girl event.

The event this year had a number of different focus areas and introduced girls, aged 10-17, and their families to the possibilities of technology and engineering careers through free learning sessions.



**CROKE PARK SMART STADIUM COMPETITION**

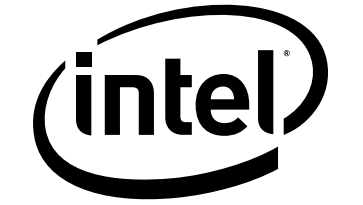
With the capacity to hold 82,300 people, Croke Park is the third largest stadium in Europe. Since early 2015, Intel has partnered with Microsoft, Dublin City University and the GAA to turn Croke Park into a leading Smart Stadium - in doing so we wanted to realise the power and potential of IoT

(Internet of Things) to allow a myriad of smart technologies and solutions to be imagined and created.

This year a number of exciting projects have happened related to the Smart Stadium including an employee competition which invited people to submit their ideas for how to further create a smart environment at Croke Park. Lots of exciting ideas were received and the eventual winner was John O'Donnell whose idea was for a Smart Impact Detector helmet which uses Intel

technology to monitor a player's wellbeing during a match.

Also this summer you may have seen on our social media channels the exciting real-time sound monitoring project which captured key moments from some of the big GAA games at Croke Park. The loudest sound recorded came during the All Ireland Football Final replay with the crowd reaching a massive 117db when the Mayo goal was scored during the first half.



**INTEL NEWS  
WINTER 2016**



## INTEL UNVEILS WINNERS OF LATEST PRIDE OF PLACE COMPETITION

In 2015 Intel launched the **Pride of Place competition for the first time, a competition which seeks to provide monetary support to projects and initiatives in the communities local to the Intel campus.**

This year the Pride of Place competition continued with the chance for local community groups to submit their proposals for projects that could help improve their own organisations while also benefiting the local communities.

The winning projects were announced at a special ceremony held at the Intel campus in Leixlip on Wednesday June 15th. The winning projects were as follows;

- **Tea Lane Graveyard** - project which seeks to furnish a medieval chapel to be used as a community space for exhibitions.
- **Celbridge HeartSafe Little Lifesavers** - project to have an automated external defibrillator (AED) accessible 24/7 in Celbridge and to provide training to 20% of the community on the use of the device.
- **Maynooth Tidy Towns** - project to purchase cast iron flower pots which will be installed in Maynooth village in order to enhance the streetscape for the broader community.
- **Meals on Wheels Leixlip** - project to upgrade their kitchen utilities to make a safer environment for the volunteers who prepare the meals.
- **Leixlip Amenities** - project to provide services to the unemployed such as, photocopying, typing, scanning, binding and internet access in a purpose built room in the centre.
- **1st/10th Kildare Leixlip Scouts Group** - project to install 19 benches around the fire pit at their den in Leixlip which currently has no seating.

The latest competition was launched in April of this year and asked local organisations to share details of their idea, explain why it deserved to receive funding and how it would enrich the lives of people in the community. All applications received then went forward for judging by a panel which included representatives from Kildare County Council, Business in the Community Ireland and Intel, who had the tough task of choosing 6 winning submissions which each received €5,000 in funding from Intel to complete their project.



## INTEL STRENGTHENS ITS COMMITMENT TO WOMEN IN TECHNOLOGY

The Women in Technology Scholarship program aims to encourage a new generation of high-achieving women to take up the challenge of a career in science and technology. This is the fifth year of the Women in Technology program for Intel in Leixlip and a total of 16 new scholarships

have been awarded. This brings the total number of scholars to 45 with a total investment in the program since it began in 2012 of almost €250,000.

Each of the participants is studying a Science, Engineering or Technology course in either Trinity College Dublin, University College Dublin, University College Cork, NUI Galway or Institute of Technology Tallaght.

This year scholarships were awarded by numerous business groups across Intel in Leixlip including fab operations, silicon design, manufacturing validation and research. The scholarship program offers a monetary grant valued at €3,000 per annum as well as opportunities for work placements at the

Intel Leixlip campus. Each scholar is also assigned a mentor who is an Intel employee to assist and provide advice on managing their academic career. The program is open to school leavers entering undergraduate degrees in relevant courses.

This year, we have also introduced the Intel Women in Technology Award which was presented to a number high achieving students who had recently graduated from technical disciplines at Institutes of Technology across Ireland. 9 women, who had completed Level 6 or 7 qualifications, received the new award, which involves a monetary payment, and were each were selected based on academic excellence.

Speaking about the Women in Technology programs at the presentation event, Sarah Sexton, Intel Public Affairs, said "We fundamentally believe, and it has been proven time and time again, that our business benefits from having diverse employees. We are delighted to present these awards and we congratulate all of the recipients and their families. Women are under-represented in the technology workplace and this program creates an important opportunity for us to encourage more young women to pursue careers in science and technology, as well as giving them firsthand experience of the career opportunities at Intel".

## INTEL PARTNERS WITH UCD TO SPONSOR MASTERS STUDENTS



Intel Ireland has joined with University College Dublin to launch a new Masters Sponsorship programme for UCD students. The new sponsorship programme is the latest initiative in an ongoing strategic partnership between Intel and UCD and follows on from the signing of a memorandum of understanding by the head of Intel's Irish operations, Eamonn Sinnott, and UCD President, Professor Andrew Deeks earlier this year.

The sponsorship programme will see 15 UCD students selected each year to receive a monetary

grant of €3000 support their academic studies as well as ongoing support and mentor provision by Intel. The eligible students are those beginning full time Masters programmes in 2016 in Science and Engineering related disciplines.

Speaking about the new programme Intel Ireland General Manager Eamonn Sinnott said, "Increasingly, the problems that we will face will require us to draw on multidisciplinary skills and it is the bright, creative and curious minds that will be responsible for the innovations of tomorrow and the technologies and discoveries that we have yet to imagine."

## INTEL JOINS FORCES WITH TRINITY TO LAUNCH NEW EMPLOYABILITY AWARD FOR STUDENTS

This year, Trinity College Dublin, in partnership with Intel, launched a new Trinity Employability Award that aims to increase students' 'career readiness' for future employment.

The students will participate in a specialist curriculum that will further develop skills and graduate attributes to succeed in their academic studies and future career. The award will give them skills to help secure jobs in the engineering and technology sector.

The Intel Postgraduate Student Sponsorship Programme was also recently announced and its first recipients awarded. The sponsorship programme will see 15 Trinity College Dublin students selected each year receive a monetary grant as well as ongoing support and mentoring provided by Intel.

The eligible students are those beginning full time postgraduate programmes in 2016 in Science and Engineering related disciplines.



## INTEL EMPLOYEES TAKE TO THEIR BIKES AND RAISE ALMOST €15,000 FOR CHARITY!

Each year Intel Ireland selects two signature charities in order to give employees the opportunity to dedicate their efforts towards providing volunteer time and funds, raised through a variety of specially organised activities, to these chosen organisations. For 2016, Dogs for the Disabled and Parkinsons Association of Ireland were selected and employees have been taking part in numerous events during the year to date to raise funds and generate awareness in support of the two selected causes.

In what has now become an annual event and one of the highlights of the yearlong activities, the Intel charity cycle challenge gave employees the chance to complete routes of 40km, 80km or 160km. The cycle, which is now in its seventh year, took place on Friday, September 2nd and each of the routes began at the Intel Ireland campus in Leixlip before taking in various parts of Kildare and Meath, depending on the length of the cycle. Each of the routes culminated at Tayto Park in Ashbourne who kindly opened their doors to welcome the Intel cyclists and crew.

In total, almost 200 Intel employees took part in the Charity Cycle event either as cyclists or as volunteers taking to the road in a number of support roles. The response to the cycle this year was once again fantastic with almost €15,000 being raised overall for the signature charities. This will be combined with monies raised through other events with the total overall fundraising amount being revealed at the end of the year.



## BANTER COMES TO INTEL

Throughout the year Intel has been hosting special 'Banter' sessions for employees that take place at the historic Blakestown House at the Leixlip campus. Banter is a well-travelled series of public talks and interviews which has been running at various venues and festivals since 2009 and which is hosted by Irish Times journalist Jim Carroll.

The sessions have included a variety of different guests from founding member of The Frames, Colm Mac Con Iomaire, to musician, mental health campaigner and TV show coach, Bressie, former Irish football team manager, Brian Kerr and the lively and unique band, Hare Squead.



## INTEL PARTNERS WITH ST. JOHN OF GODS

During 2016 Intel partnered with St. John of God (St Raphaels) in Celbridge to offer employment to some of their service users. 3 people came to work at Intel in 2016 and quickly became valuable members of their respective teams, contributing greatly to results and team spirit.

All three integrated very quickly and have not only been able to complete all of the routine jobs successfully, they have got to a point where they are proactively continuing with some of the jobs without direction. They have also helped to join the rest of the team together and have enhanced the work environment for all.

Some words from a staff member based at Intel who has been working alongside one of the placement employees; "He has become a truly valued member of the team, not only for his work ethic but also his ability to add to the team morale".

Another colleague had this to add "All of us based at Intel Leixlip find our new colleague extremely open and helpful in all his duties. He is polite and blends in very well. He is very eager to listen and learn at all times. He is a very good buddy to all of us".

Des, a representative from St. John of God also spoke highly about the initiative; "For such a large organisation the people at Intel truly understand and they get the finer details, the little personal nuances that must be in place to support someone with a disability to gain employment but also integrate into the Intel community and culture."

A family member of the placement employee says, "He is delighted with his work in Intel, he really enjoys doing his hours, his work mates are very supportive and very good to him, he is so happy with this experience".



## INTEL IRELAND RESEARCH CONFERENCE - THE JOURNEY TO 50 BILLION SMART CONNECTED DEVICES

The Intel Ireland Research Conference took place this year on the 12th of October at the O'Brien Science Centre in UCD. The theme of the conference was The Internet of Things- The Journey to 50 Billion Smart Connected Devices - encompassing both the Silicon Nanotechnology and Intel Labs Europe (ILE) research challenges from power to scalability.

A variety of local and international speakers came together to present their views on the challenges and opportunities that lie ahead in the areas of Silicon Nanotechnology and the Internet of Things. The possibilities offered by the 'Internet of Skills' and potential future materials were presented, along with the amazing potential which could result from massively connected devices.