ACES

ACADEMIC ENTERPRISE AWARDS EUROPE

ACES Conference & Awards Gala
Hosted by the Swiss Federal Institute of Technology, ETH Zurich

3 February 2011
If you would like to be introduced to anyone attending, please ask one of the Science|Business team members.

Please turn off your mobile phone and laptop during the conference sessions.

Wireless internet at the conference venue is available free of charge. Landing page: http://aces.sciencebusiness.net/aces/ Login: aces2011 Password: aces2011

To facilitate your transport we recommend either Zurich’s excellent public transport system or Taxi 444 AG, Tel: +41-44-444 44 44

### Conference Venue
ETH Zurich, Main Building
Rämistrasse 101

### Awards Gala Venue
Restaurant Zunfthaus zur Meisen
Münsterhof 20
Tram stops:
Paradeplatz (2, 6, 7, 8, 11, 13)
Helmhaus (4, 15)
For entrepreneurship in universities...

It is my pleasure to welcome you to the third annual ACES Conference and Awards.

At a time of economic crisis, innovation more than ever is needed for a vibrant economy. But in Europe, it’s often said, a risk-averse culture prevents innovative ideas from getting out of the labs and into the marketplace. The ACES Conference and Awards for academic enterprise, organised by Science|Business with a coalition of leading universities, corporations and foundations, has as its goal to help change that culture.

The awards give public recognition to those researchers, engineers, professors, students and government officials in Europe who have done the most in 2010 to foster a culture of enterprise on campus. The winners will be chosen at a meeting today of the Science|Business Innovation Board, a non-profit group of leaders in European academia, industry and policy, whose mission is to encourage a more innovative environment in Europe. We will announce the winners at tonight’s awards ceremony, after the conclusion of the conference.

We hope the day’s events will provide you with an excellent opportunity to discuss, challenge and capture insights from academics, investors and business leaders who are pinpointing innovation as key to growth and recovery.

Have an engaging and insightful day.

Richard L. Hudson
CEO & Editor
Science|Business Publishing Ltd.
ACES - THE BACKGROUND

On 10 June 2008, meeting at INSEAD, the Science|Business Innovation Board agreed to launch the first pan-European awards for academic enterprise – researchers who see starting companies and working with industry as an important part of their scientific or engineering careers. The purpose: to encourage enterprise in European academia.

Now in its third year, the ACES awards programme has recognised the achievement of 36 outstanding individuals or start-up teams across Europe and countries affiliated with the European Commission’s Framework 7 research programme. Organisations representing 27 European universities and research institutes nominate entrepreneurs and assist in the selection process, and the Science|Business news service gathers nominations from them and others.

Sponsors for this year’s awards include GE, Foley & Lardner LLP, ETH Zurich, the Office for Economy and Labour of the Canton of Zurich and the Swiss Innovation Promotion Agency of the Swiss Confederation. This year’s ACES event is supported by the European Institute of Innovation & Technology (EIT).

On 3 December, the ACES Selection Committee met at ESADE’s Creapolis technology and innovation park in Barcelona to sort through the 120 nominations received. The committee comprised representatives of many of the participating research institutes and sponsors. It selected three finalists for each of six categories. The finalists were invited to join us in Zurich on 3 February, expenses paid, to participate in the Academic Enterprise Day organised by Science|Business and the Swiss Federal Institute of Technology (ETH Zurich).

After the Innovation Board’s decision in its private meeting, 3 February, the winners will be announced at a ceremony and awards dinner at that evening.

ABOUT SCIENCE | BUSINESS

Science|Business is an independent news and events service, focused on R&D investment and policy in Europe. Science|Business publishes online daily at www.sciencenews.net, and produces numerous special print reports, studies and conferences.

It was founded in London and Brussels by Richard L. Hudson, former managing editor of the Wall Street Journal Europe, and Peter Wrobel, former managing editor of Nature, and works with a professional team of communicators and journalists to facilitate communication between the disparate worlds of academia, industry and policy. It works with a network of professional organisations and top European universities. Its mission: To promote enterprise in science.

To encourage public dialogue about innovation policy in Europe, the Science|Business news service, INSEAD and ESADE, with the support of Microsoft and BP, created a panel of leaders in industry, academia and policy.

The Science|Business Innovation Board meets twice a year to debate important aspects of European innovation policy, and to formulate recommendations for policy action. The aim: to use the collective experience of the board members to improve the climate for innovation in Europe. The Board serves as final jury for ACES.
Conference registration & informal lunch for delegates

13:00

Conference Opens

- Chair, Richard L. Hudson, CEO & Editor, Science|Business

13:05

Welcome

- Prof. Ralph Eichler, President, ETH Zurich

13:15

Encouraging enterprise in universities

- Daria Tataj, Executive Board member, European Institute of Innovation and Technology

13:30

The Swiss landscape of entrepreneurship promotion and its global outreach

- Walter Steinlin, CTI President
In these difficult economic times, pressure is mounting on both sides of the Atlantic to improve industry/academic collaboration – to encourage more innovation and jobs. Is there a clear policy agenda that emerges?

- Xavier Prats-Monné, Deputy Director-General, Education & Culture, European Commission
- Hon. Bart Gordon, former Chairman, US House Committee on Science and Technology
- Teri Willey, CEO, Cambridge Enterprise (Bridge Award Finalist)
- Moderator: Richard L. Hudson, CEO & Editor, Science|Business

14:10

Meet the ACES 2011

15 of the hottest university spin-out companies have been selected as finalists for the annual Academic Enterprise Awards – and most are looking for investors. Who are they? Which do you think should win in each of the five prize categories: Life Sciences, ICT, Materials/Chemicals, the Fast Start (for new start-ups) and the GE Smart Grid awards? A series of 3-minute ‘elevator pitches’ introduce the contestants.

Co-Chairs:
- J. Frank Brown, Dean, INSEAD
- David Eyton, Group Head of Research and Technology, BP

15:25

Coffee
GE has announced a $200 million fund to buy new smart-grid technologies. This is part of a global effort by technology industries to innovate and adjust to the challenge of climate and alternative energy – an opportunity that the European Commission has forecast as worth €500 billion for European industry alone. How can researchers and industry best seize this opportunity?

- Mark Little, Senior Vice-President and director, GE Global Research
- Moderator: Richard L. Hudson, CEO & Editor, Science|Business

The most talked-about model for collaborative innovation among big companies, small start-ups and public research institutes is ‘open innovation’ – but there are special challenges making it work in Europe. What are they, and how to solve them?

- Barbara Haering, Executive Member, European Research Area Board
- Rouget F.(Ric) Henschel, Partner and Co-Chair, Life Sciences Industry Team, Foley & Lardner LLP
- Alfons Sauquet, Dean, ESADE Business School
- John Vassallo, Vice President-EU Affairs, Microsoft
- Moderator: Peter Wrobel, Co-founder and Director, Science|Business
16:50

**Entrepreneurship on campus**

Start-up and growth funding is especially scarce now in many countries. How can academic entrepreneurs get it – and why should we care whether they succeed?

- Edward Astle, Pro-Rector (Enterprise), Imperial College London
- Kristo Ovaska, Co-Founder, Aalto Venture Garage (Bridge Award Finalist)
- Allyson Reed, Director, Strategy and Communications, UK Technology Strategy Board (Bridge Award Finalist)
- Roland Siegwart, Vice President, ETH Zurich
- Moderator: Gail Edmondson, Editorial Director, Science | Business

17:30

**How Europe can seed a new generation of entrepreneurs**

- Tuula Teeri, President of Aalto University

17:45

**Conference close**
GALA AWARDS

18:15
Doors open

18:45
Opening & Welcome

- Master of Ceremonies, Pat Cox, President, European Movement

19:00
ACES Award Ceremony

Award Presenters:

- ICT Award: John Vassallo, Vice President-EU Affairs, Microsoft
- Life Sciences: Rouget F. (Ric) Henschel, Partner and Co-Chair, Life Sciences Industry Team, Foley & Lardner LLP
- Materials/Chemistry: Ralph Eichler, President, ETH-Zurich
- The Fast Start Award: Hon. Bart Gordon, former Chairman, U.S. House Committee on Science & Technology
- GE Smart Grid Award: Mark Little, Senior Vice President and Director, GE Global Research
- The Bridge Award: Daria Tataj, Executive Board Member, European Institute of Innovation and Technology

19:25
‘Creative Agitator’ Award

- Award presenter: David Eyton, Group Head of Research and Technology, BP

19:30
Cocktail reception

20:00
Gala Dinner

- A welcome from Zurich: Ernst Stocker, Director, Department of Economy, Canton of Zurich
Edward Astle is currently Pro-Rector (Enterprise) at Imperial College London where he leads major international business development and project opportunities in the UK and internationally for the University. Edward was Executive Director of National Grid plc from 2001 to 2008 where he led their Non-Regulated Business Division.

He was a Managing Director at the BICC group from 1997 to 1999 and an Executive and Regional Director at Cable & Wireless plc from 1989 to 1997. Previously he held senior business strategy positions in the UK and France. Edward is also currently Non-Executive Director of Intertek Group plc. Mr Astle graduated with a MA degree from Queen's College, Oxford. He also holds a Master of Business Administration from INSEAD.

J. Frank Brown is Dean of INSEAD, the leading international business school with campuses in Europe, Asia and the Middle East. He is the second American Dean since the foundation of the school in 1957. His appointment in 2006 – on the basis of business rather than academic credentials – made INSEAD history. Brown is a member of the Bridgepoint Capital Ltd Board, the European Academy of Business in Society (EABIS) Board, the European Executive Council (EEC), the Conseil Stratégique at PricewaterhouseCoopers, France, the International Advisory Board (IAB) of British American Business (BAB), and the Transparency International Business Advisory Board. Brown received his B.S.B.A. from Bucknell University. Before becoming Dean, he served as a member of the INSEAD Board and as Chairman of the school’s US Council.

Pat Cox is President of the European Movement International, and Managing Partner of European Integration Solutions, a Washington DC - Brussels based transatlantic consulting firm. He served as President of the European Parliament from January 2002 until July 2004. During his Presidency he campaigned ceaselessly throughout Europe to promote the enlargement of the European Union. Pat Cox has received many awards and distinctions for his European leadership, including the Freedom of the city of Limerick, Honorary Doctorates from the National University of Ireland, Trinity College Dublin, the American College Dublin and the University of Limerick. Pat Cox is a Member of the Board of Trustees of the Crisis Group and of Friends of Europe and a Board member of the Smurfit Graduate Business School at University College Dublin and of the Foundation Board of University College Cork.

Gail Edmondson manages editorial content, research projects and the Academic Enterprise Awards Europe (ACES) at Science|Business. A former bureau chief and senior European correspondent for Business Week magazine, Gail has reported on European technology, entrepreneurs and finance for more than 20 years from Germany, France, Spain and Italy.

She joined the Paris-based Organisation for Economic Cooperation and Development (OECD) in 2008 on a one-year project post as strategic communications manager in the Science, Technology and Industry Directorate. An award-winning journalist, she holds degrees from Cornell University and Stanford University.
Ralph Eichler obtained his doctorate in physics from ETH Zurich. After acting as a researcher at Stanford University in California, at DESY, the German electron synchrotron, and at the Institute for Medium Energy Physics at ETH Zurich and as a project manager at the Paul Scherrer Institute (PSI), he became a professor of physics at ETH Zurich in 1989. His scientific career took him once again to DESY, this time as director of the International collaboration, before he took on leading roles at PSI, firstly as Deputy Director from 1998 to 2002 and then as Director from 2002 to 2007. In September 2007, Ralph Eichler was appointed President of ETH Zurich. Ralph Eichler also serves on two boards of directors: at Belenos Clean Power Holding AG in Biel and Venture Incubator AG, Zug. His other affiliations include membership in the Senate of Germany’s Helmholtz Association and the Swiss Academy of Engineering Sciences (SATW).

David Eyton was appointed BP’s Group Head of Research and Technology (R&T) in April, 2008. He is accountable for technology strategy and its implementation across BP and conducting research and development in areas of corporate renewal.

In this role, David also oversees the technological capability of the company. Prior to this, David was BP’s Exploration and Production (E&P) Group Vice President for Technology. In this role David was responsible for Research and Development, Technical Service Work, Digital and Communications Technology and Procurement and Supply Chain Management for BP’s Upstream business. In 1996, he was named General Manager of BP’s North West Shelf interest in Australia. David later managed Wytch Farm in the UK and then BP’s Gas Businesses in Trinidad.

Over the span of his 26-year career in Congress, Bart Gordon worked to find commonsense solutions to the complicated problems that face America. A hallmark of his service has been his ability to work with Members of both parties to build coalitions of support to achieve goals and get results. As Chairman of the House Committee on Science and Technology, Bart led passage, on a bipartisan basis, of landmark legislation, including the America COMPETES Act and the Energy Independence and Security Act. Bart worked to make the Science and Technology Committee the committee of good ideas and consensus, and this spirit of civility did not go unnoticed. Prior to his service in Congress, Bart worked as an attorney in his hometown of Murfreesboro, Tennessee. He received his law degree from the University of Tennessee and earned his undergraduate degree at Middle Tennessee State University and served in the U.S. Army Reserves.

Dr. Barbara Haering has twenty-five years of experience in national and international security politics, science politics and environment issues. She is director of a private think tank specializing in strategic planning. Barbara Haering studied at the Federal Institute of Technology in Zurich and has a doctorate in environmental sciences. She chairs the board of the Institute for Advanced Studies in Public Administration in Lausanne (IDHEAP) and is a member of the European Research Area Board of the EC as well as a member of the Board of the ETH Domain. Barbara Haering has been a member of the National Parliament of Switzerland from 1990 until 2007. She chaired the Defense Committee as well as the Committee on Science, Education and Culture. She also chaired the short-term OSCE Election Observation Mission in Latvia in 2006 and participated in EOMs in Bosnia-Herzegovina, Georgia and Armenia.
Dr. Rouget F. (Ric) Henschel is a partner with Foley & Lardner LLP. He is co-chair of Foley’s Life Sciences Industry Team and is also a member of Foley’s Chemical, Biotechnology & Pharmaceutical and IP Litigation practices.

Dr. Henschel’s practice focuses on counseling clients in patent matters, representing clients before the U.S. Patent and Trademark Office (USPTO), litigation, and licensing. Specifically, his practice includes validity and freedom-to-operate opinions, due diligence investigations, negotiating and interpreting patent licenses, procuring domestic and foreign patents, litigation in federal and state trial courts, and appeals before the USPTO Board of Patent Appeals and Interferences and the U.S. Court of Appeals for the Federal Circuit.

Richard L. Hudson
CEO & Editor, Science | Business

Richard co-founded Science|Business in 2005 with Peter Wrobel and Malcolm Laws. He has been a leading science and technology journalist in Europe for more than 30 years.


Mark M. Little
Senior Vice President and Director, GE Global Research

Mark M. Little was named senior vice president and director of GE Global Research in October 2005, becoming only the ninth director in the organization’s 105 year history. In that role Mr. Little is responsible for leading one of the world’s largest and most diversified industrial research and technology organizations.

Prior to his current role, Mr. Little was vice president of GE Energy’s power-generation segment headquartered in Schenectady, New York. GE Energy is a world-leading supplier of power generation equipment including gas, steam, wind and hydro-turbine generators, turnkey power plant services, gasification technologies and integrated gasification combined cycle.

Kristo Ovaska
Co-founder, Aalto Venture Garage

Kristo Ovaska’s passion is to build world changing startups from Nordics. For the past two years he’s been building the entrepreneurship ecosystem in Finland. In 2009, he co-founded and ran the 5000 member Aalto Entrepreneurship Society and in 2010, he brought to life the Aalto Venture Garage.

Aalto Venture Garage is the hub for entrepreneurs and startups throughout the Baltic Rim. It has a network of experienced serial entrepreneurs and several training programs to coach young startups. More than 40 ambitious teams have taken part in programs in 2010.

In 2011 Kristo will move to Silicon Valley to start a program for best startups from Aalto Venture Garage in collaboration with Stanford University.
Before Xavier Prats-Monné became Deputy Director General at DG Education and Culture, Prats-Monné was Director for employment policy, Lisbon strategy and international relations at Directorate-General Employment, Social Affairs and Equality of Opportunities. He is also a member of the European Commission's Impact Assessment Board.

He previously served as Director for the European Social Fund, and in the Cabinets of the Commission Vice President for external relations and of the Commissioner for Cohesion policy. He holds degrees in social anthropology from the University of Madrid, in development economics from the Centre International des Hautes Etudes Agronomiques Méditérranéennes, and in European affairs from the College of Europe in Bruges, where he graduated first of the Class of 1981-82 and served as assistant professor.

Allyson Reed, Director of Strategy and Communications at the Technology Strategy Board, is a commercial business leader with a scientific academic background. She was previously Director of Innovation Partnerships at QinetiQ plc and prior to that Commercial Director of a national research laboratory where she headed technology transfer, developing a substantial commercial collaboration programme including licensing and setting up CLIK, the technology transfer company, the Rainbow Seed Fund, a portfolio of spin-outs, and a joint venture science park and incubator with an RDA.

Following early research as Rosalind Franklin Fellow at Cambridge University, Allyson has held senior management roles in a number of international healthcare, engineering and communications businesses.

Dr Alfons Sauquet is currently Dean of ESADE Business School. His academic interests focus on: Learning, Knowledge and Innovation Management. Areas in which he has researched and published regularly becoming a principal researcher and founder of the research group GRACO. He has been guest speaker at different forums such as the AACSB Dean’s conference, the Association for Human Resource Management in International Organizations, UNESCO, etc. And he has lectured among others: HEC, Paris; Copenhagen Business School, Denmark; Wharton School of Business, USA. Currently, serves in the Board of the European Academy for Business in Society (EABIS), the Innovation Board of Science Business, the Board of Directors of the GMAC, the EQUIS Committee of the European Foundation for Management Development and the Board of ESADECreapolis (creativity park).

Roland Siegwart is full professor for autonomous systems at ETH Zurich since July 2006. Roland is a board member of the European Network of Robotics (EURON), and served as Vice President for Technical Activities (2004/05) and is currently Distinguished Lecturer (2006/07) of the IEEE Robotics and Automation Society.

Recently he has been appointed as Member of the Swiss Academy of Engineering Sciences and the “Bewilligungsausschuss Exzellenzinitiative” of the Deutsche Forschungsgemeinschaft (DFG). Roland Siegwart’s research interests are in the design and control of systems operating in complex and highly dynamical environments. His major goal is to find new ways to deal with uncertainties and enable the design of highly interactive and adaptive systems.
Walter Steinlin
President, CTI

Walter Steinlin works part time for Swisscom as Head of Outlook (University Relations and Trend Scouting) and part time as President of KTI, the Swiss Innovation Promotion Agency. He graduated as an Electronics Engineer from ETH Zürich in 1977 and is an alumnus of the INSEAD Executive Education Program. He worked at Hasler Research (now Ascom), and in different positions with Swisscom, heading “Swisscom Innovations” during twelve years. Walter was active in international telecommunications standardization (ITU, ETSI) until 1996. 2005-2007 he was President of EIRMA (European Industrial Research Management Institute). He participates in boards of several organisations, such as the Kommission Bildung und Forschung of economiesuisse, the Advisory Board of I&C School at EPFL, in the founders’ board of IDIAP und EURECOM und as President of the Board of iimt in Fribourg.

Ernst Stocker
Government councillor and Head of the Departement for Economic Affairs of the Canton of Zurich

Ernst Stocker is a member of the Government Council of the Canton of Zurich and Head of the Department for Economic Affairs since May 1st, 2010. During the preceding 23 years he was a member of the Cantonal Parliament, which he presided in 2003/2004. From 1998 to 2010, he also was a member of the City Council of Wädenswil, and from 2006 until 2010 its Town Mayor.

Ernst Stocker was born in Wädenswil (Switzerland) in 1955, and trained to become a qualified master agriculturist. He is a member of the Swiss People’s Party (SVP). As Head of the Department for Economic Affairs, Ernst Stocker is - among other memberships - also on the administrative board of Flughafen Zürich AG, member of the Bank Council of the Swiss National Bank, just as well as a member of the Council of the Technopark Zurich Foundation.

Daria Tataj
Executive Board member, EIT

Dr. Tataj is an entrepreneur/academic. She is a Managing Partner at EMF Enterprise Management and Finance and a co-founder of Diadem Foundation, a Warsaw-based incubator for social enterprise. She is a faculty member at Warsaw University of Technology Business School and at the University of Michigan, US. Since 2008, she serves as an Executive Board Member of the European Institute of Innovation and Technology, one of the flagship initiatives of the European Union. Recently, she joined Telefonica Disruptive Council. She worked in investment banking and venture capital in media and telecom, and later led projects under the EU/EBRD SME Finance Facility in the banking sector. In 2006 she was recognized by the US Department of State and FORTUNE magazine as one of emerging global women business leaders. She is currently based in the US where she is working on her book “Innovation, Entrepreneurship and the Knowledge Triangle. A Growth Model for Europe”.

Tuula Teeri
President, Aalto University

Aalto University’s President Professor, Ph.D. Tuula Teeri, was previously Vice President at the Royal Institute of Technology (KTH) in Stockholm. She completed her doctoral thesis at VTT, and received her doctorate from the University of Helsinki in 1987.

Tuula Teeri is a visionary and inspirational leader of academic communities, a scientist of merit and a staunch supporter of basic research. She is a member of the Royal Swedish Academy of Sciences, the Royal Swedish Academy of Engineering Sciences, Technology Academy Finland and the Swedish Academy of Technology in Finland. She is also cofounder of SweTree Technologies.

Professor Teeri was appointed as Aalto University’s first president for a term of five years beginning on 1 April 2009.
John Vassallo

Vice-President of EU Affairs, Microsoft

John Vassallo is Microsoft Vice President EU Affairs as well as Associate General Counsel for the company. He leads Microsoft’s EU Corporate Affairs and Regulatory team. His position was created to help advance the company’s dialogue with the EU policy and regulatory community. Vassallo is also Chair of AmCham EU, the organization in Brussels that represents 140 companies of US parentage at the European Institutions and EU governments. He was also General Electric’s Senior Counsel & Director of the European Affairs Office, based in Brussels, a post he held until he joined Microsoft in 2008. Vassallo attended the University of Malta and graduated with a B.A. degree in English, Italian and Maltese in 1968. He went on to obtain a Doctor of Laws from the same university in 1973. In 1987 he became President of Dynapac Concrete. From 1991 to 1993 he worked as a lobbyist and Director of Cembureau, the European Cement Association in Brussels.

Teri Willey

CEO, Cambridge Enterprise

Teri joined Cambridge Enterprise (CE) as Chief Executive in 2006. Prior to CE, Teri was a Managing Partner of ARCH Development Partners (ADP), a seed and early stage venture fund focused on university and corporate spin-outs. Teri, a founder of ADP, participated as a Director on portfolio company, community and venture capital Boards of Directors and Advisory Boards, as a University of Notre Dame Business School Adjunct Professor and continues as an Advisor to ADP. Prior to the start of ADP, Teri was Vice President of Start-ups at ARCH Development Corporation, a subsidiary of the University of Chicago, which commercialised technology from the University and Argonne National Laboratory. Teri has been an advisor to policy makers, universities and companies and is a past President of the Association of University Technology Managers (AUTM). Teri is a Bye-Fellow of Christ’s College and a Senior Member of Hughes Hall.

Peter Wrobel

Founding Director, Science|Business

Peter co-founded Science|Business in 2005 with Richard Hudson and was its first editorial director. He now works on a variety of editorial projects within the company. From 1996 to 2004, Peter was managing editor of Nature, the world’s leading scientific journal.

He has 25 years’ experience in writing and editing science journalism, including four years as head of publications at the UK Medical Research Council and eight years as chief sub-editor at New Scientist. He is a past chairman of the Association of British Science Writers.
Sabine Bahn  
*Co-founder, Psynova Neurotech Ltd*

Professor Bahn is a practicing clinician (she holds an Honorary Consultant position in General Adult Psychiatry at Addenbrookes Hospital, Cambridge); she is also a leading research scientist, Director of the Cambridge Centre for Neuropsychiatric Research at Cambridge University and a fellow of Lucy Cavendish College. Her main research interests are to understand the molecular basis of neuropsychiatric/ neurodevelopmental disorders, with a focus on the major psychotic disorders, schizophrenia and bipolar disorder. Professor Bahn has published numerous articles in high impact journals over the last years.

She is dedicated to translating her research into clinical practice to the benefit of patients. To this end, in 2005 she co-founded Psynova Neurotech Ltd., which, together with Rules Based Medicine has launched the first blood test aiding in the early diagnosis of Schizophrenia.

Jonathan Bloor  
*Co-founder, Doctor Communications Solutions Ltd.*

DocCom co-founder Jonathan Bloor is a doctor who has put his medical career on hold to lead a revolution in healthcare communication/address a communication breakdown in the healthcare sector. While working as a surgeon, he discovered that lives and money were being lost because of internal communication problems in hospital trusts and other healthcare organisations. With colleague Dr Jonathon Shaw, he developed DocCom Connect, a secure cloud-based messaging system and enterprise network that enables healthcare leaders and their frontline staff to communicate more effectively.

Dr Bloor’s papers on healthcare and 21st century communication technologies have been published and presented around the world. They have the objective to create a paradigm shift in the way healthcare organisations think about internal communication.

Lars Bröhne  
*CEO, Time Critical Networks*

Lars Bröhne, CEO of Time Critical Networks, brings with him over 20 years’ experience in Computer Software Engineering from companies such as Ericsson Hewlett-Packard Telecommunications and Intec Telecom Systems (now CSG Systems).

Lars’s most recent appointment was Software Director of Nobel Biocare, developing market leading dental CAD software.

Alberto Cavicchiolo  
*Chief Technology Officer, Umpi R&D*


In 1999 he founded with dr. Francesca Bruni and other scholars, Art Valley, an institute based on the advanced Research for Cultural Heritage and smart cities. MINOS APPS is inspired by the extensive research on PLC (Power Line Communication) conducted by prof. Alberto Grossi since 1982, but by Guglielmo Marconi. Prof. Cavicchiolo designed the program MINOS APPS for Smart Cities to promote the most advanced applications for smart cities.
Dr. Ir. Jan De Backer graduated from Delft University of Technology as aerospace engineer in 2005. He attained an MSc degree in aerodynamics and specialized in applied biomedical computational fluid dynamics leading to a PhD in biomedical physics from the University of Antwerp.

The PhD thesis was entitled: "Functional imaging of the respiratory system for the assessment and treatment of respiratory diseases – from animal to human model. Dr. Jan De Backer co-founded FluidDA in 2006 as a spin-off company of the University of Antwerp and was appointed Chief Executive Officer in 2007.

Christoph Gebald holds a MSc in Mechanical Engineering with distinction from ETH Zurich. Within his graduate studies at ETH and the University of California Berkeley, he studied heat and mass transfer and the thermodynamics of chemical engineering.

He has more than 3 years experience in CO2 capture from air.

Professor Vladimir Kolosnitsyn has a PhD in Inorganic Chemistry and a degree in Physical chemistry, with focus on “Novel Liquid and Polymer Electrolyte Systems for Lithium Power Sources”.

He is the Head of the laboratory of Physical Chemistry, being in charge for fundamental investigations in sulphur chemistry and electrochemistry; aprotic electrolytes and electrochemistry of polysulphide solutions.

He is also the Technical Director at Oxis Energy Limited, his responsibilities including coordination of R&D activities in lithium-sulphur electrochemistry; implementation of Li-S prototype development plans; theoretical expertise in advanced electrochemical energy storage technologies.

Professor Vladimir Kolosnitsyn has over 170 scientific publications, author of 16 inventions registered by the Russian patent office, author of 1 Russian and 5 international patents.

Huw is a Fellow of the University of Wales, joining OXIS in 2010. He worked in Sweden for 10 years specializing in high tech company development for European venture capitalists.

Prior to that, he worked for 10 years at Siemens AG specializing in developing new high tech businesses in the telecommunications sector.
Tim Hart
CEO, Zyoxel Ltd

Tim studied for a BSc in microbiology at the University of Nottingham, UK and gained a PhD in environmental microbiology at the University of Surrey in 1997. By 2001 Tim had developed an active interest in commercialising science and at this time spun-out his first company, Cybersense Biosystems Ltd. Tim led the company for seven years, taking it through several rounds of investment and towards trade sale in 2008. Tim joined Isis Innovation Ltd at the University of Oxford in 2008 as a Consultant, focusing on assignments to support start-up teams in the commercialisation of a wide range of technologies from across the world. In July 2009, he secured investment from Hong Kong for Zyoxel Ltd. Tim is retained by Isis as an Associate Consultant, is Non-executive Director of another technology business, runs his own European-Asian consultancy company, and over the years has advised and supported a wide range of start-up businesses.

Jan Lichtenberg
CEO, InSphero AG

InSphero, founded in 2009, is Jan Lichtenberg’s second startup after creating the company “Advanced Micromachining Tools” in the semiconductor industry in 1998. From 2004 to 2009, Jan gained more managerial and entrepreneurial experience as a Head of R&D at Uwatec/JOI (electronics) and as VP of R&D and Product Management at Hocoma (medical devices).

At the latter, he was in charge of 35 engineers, scientists and physiotherapists to develop and to market new robotic devices for the rehabilitation of neurological patients. With the insight into business processes in regulated environments and rapidly growing technology companies, Jan was well prepared to start InSphero AG with his co-founders Jens Kelm, Wolfgang Moritz and Prof. Simon Hoerstrup.

Carlos Ludlow
Chief Technology Officer, Enval LTD

Dr. Carlos Ludlow-Palafox graduated with a degree in Chemical Engineering from the Universidad Iberoamericana in Mexico City in 1996. He obtained his PhD in Chemical Engineering at the University of Cambridge. During his doctoral research, Carlos specialised in Microwave Induced Pyrolysis, a process he adapted for the recycling of complex waste streams. He received his PhD in 2002 and continued to develop the process as a Post-Doctoral Research Associate. During the years at Cambridge, and together with Professor Howard Chase, Carlos developed the basis of the Enval process and obtained patent for the use of microwave induced pyrolysis for commercial recycling of laminated packaging materials. In 2005, Carlos and Prof. Chase co-founded Enval Limited for which Carlos is currently Managing Director and CTO. Enval expects to construct and commission its first commercial plant in 2011.

Samuel Mueller
CEO, Mirasense AG

Samuel Mueller is the CEO and co-founder of Mirasense AG (www.mirasense.com), the ETH Zurich spin-off company behind Scandit (www.iscandit.com) – social shopping app and barcode scanner for iPhones and Android smartphones. Before becoming an entrepreneur, he was a researcher at the renowned IBM Zurich Research Laboratory and gained international experience as a project leader and consultant for companies such as Swiss Re, Swiss and IBM.

Samuel holds a PhD from ETH Zurich, an MA in Financial Economics and an MSc in Computer Science, both from the University of Zurich.
Mr. Gisle Østereng is the co-founder and CEO of Dynamic Rock Support. Being a serial entrepreneur, his focus is on making the company achieve sustainable and rapid growth. Østereng has a MSc in Industrial Economics from NTNU, Trondheim, and has previously spun out Secustream Technologies and sold the company to Telenor. Before that, he worked with Telenor and NTNU on commercialisation of hi-tech inventions.

At the university, Gisle headed the entrepreneurship student union Start NTNU and has since then participated in making a professional entrepreneurship community in Trondheim and Norway.

Philipp has been working in the field of Concentrating Solar Power technologies for more than 12 years, especially on heliostat field designs for Solar Towers. He co-operated for many years with the Solar Group at the University of Sydney and with the Australian Solar Heat & Power company. He designed the heliostat field for the Australian CSIRO and was for two years Research Director, Optics of the US-based Ausra, Inc. Philipp is responsible for the design of heliostat fields of three of the handful of solar tower projects realized worldwide over the last 5 years.

The latest heliostat field he designed is the 18,000m² field for the Solar Tower in Jülich, Germany. Philipp graduated with a master degree in Physics at the Ludwig-Maximilians-University, Munich, Germany and earned a Ph.D. of engineering and MBA from the Technical University Munich, Germany.

Yoram has engaged in the Cleantech and energy market for the past three years, and is currently the CEO and Co-Founder of GridON Ltd. He has spent the last 25 years, twelve of which in the US, in technology companies in all stages of maturity from startups, through senior executive positions in multi-billion, publicly traded corporations. After serving for 4 years as the president of a California-based networking solution provider, Radlan Inc, Yoram led to its successful acquisition by Marvell Technology Group (“MRVL”), and steered the assimilation of Radlan operation, with its 250 software and system experts, into Marvell.

Prior to Radlan, Yoram was the president of California-based NetReality Inc., and earlier served in executive business roles at Madge Networks and LANNET. Yoram holds B.Sc. in Industrial Engineering and Management and M.Sc. in Computer Automation and Robotics.

Christian Vögeli received his M.Sc. in Computational Science from ETH Zurich in 2005. During his studies, he had attended the Unitech exchange program which included management subjects, studies in Barcelona and an internship in the Silicon Valley. He was rewarded the ETH Medal for his outstanding Master thesis on improving the information-theoretical model behind Dybuster. In 2006, he directed, with the support of a number of psychologists, the successful user study which included over 85 school children. He has effectively led the development of Dybuster from prototype to commercial product. He participated in the TV show “Start up” by the national Swiss television station in which Dybuster was nominated as one of the ten best start-ups, and in 2008 was awarded the Venture Leaders award. Christian Vögeli is currently the CEO and Managing Director of Dybuster AG.
Participants in the Jury deliberations

*Edward Astle*, Pro Rector (Enterprise), Imperial College London  
*J. Frank Brown*, Dean, INSEAD  
*Pat Cox*, President, European Movement International  
*Ronald de Bruin*, Acting Director, European Institute of Innovation and Technology (EIT)  
*Ralph Eichler*, President, ETH Zurich  
*David Eyton*, Group Head, Research and Technology, BP  
*Bart Gordon*, Former Chairman, U.S. House Committee on Science & Technology  
*Barbara Haering*, Executive Board Member, European Research Area Board  
*Mark Little*, Senior VP and Director GE Global Research  
*Xavier Prats-Monne*, Deputy Director General, DG Education and Culture, European Commission  
*Lucia Recalde Langarica*, Head of Unit, DG Education and Culture, European Commission  
*Alfons Sauquet*, Dean, ESADE Business School  
*Daria Tataj*, Executive Governing Board Member, European Institute for Innovation and Technology (EIT)  
*John Vassallo*, Vice President, Microsoft Research EMEA  

*Science|Business Innovation Board member or representative*

Since it began its work in 2007, the Science|Business Innovation Board AISBL has helped to move innovation to the top of the European Union’s policy priorities. An independent panel of experienced opinion leaders from business, academia and policymaking, the Board emphasizes the importance of priorities and creating a climate that encourages and promotes innovation through open debate.

The Board meets regularly to formulate its recommendations for policy action. It also names the winners of the annual ACES Academic Enterprise Awards, celebrating innovation at university spinout companies across Europe.

The Board is a not-for-profit organisation.
The European Institute of Innovation and Technology (EIT), a flagship initiative of the European Union to promote innovation, is moving to support entrepreneurship at the third annual pan-European awards for university spin-out companies, the Academic Enterprise Awards.

The awards, judged by the Science|Business Innovation Board think tank, will be presented Feb. 3, at a conference and awards ceremony hosted by leading Swiss research university ETH Zurich. The contest, for which there are 16 finalists from Russia to Spain, is the only pan-European programme to date to recognise university researchers who successfully start their own technology-based businesses.

The support for the Zurich event, to be accompanied by a breakfast for student entrepreneurs, is the EIT’s first external partnership effort to promote entrepreneurship. The institute, created in 2008, achieved a milestone last month by signing its first agreements with academic and industrial partners/partnerships – the so-called Knowledge and Innovation Communities (KICs) that lie at the heart of the EIT concept. The institute was formed to jump-start the process of getting research ideas from lab to market in Europe.

“Supporting entrepreneurship - is central to the EIT’s mission,” said Dr. Ronald de Bruin, Acting Director. “The Academic Enterprise Awards are an independent effort to drive entrepreneurship through the ‘knowledge triangle’ of research, education and industry. Europe needs more of such projects in order to encourage researcher, business and education to collaborate more closely together for a stronger and more innovative European economy.”

The awards are judged by the Science|Business Innovation Board AISBL, a not-for-profit scientific association in Belgium created to improve the climate for innovation in Europe. Members include business schools INSEAD of France and ESADE of Spain, Imperial College London, Microsoft Corp., BP PLC, and CEFIC, the European Chemical Industry Federation. The Board is managed by Science Business Publishing Ltd., a London and Brussels-based media and communications company focused on research and innovation.

This year’s awards are also sponsored by General Electric Co., as part of its Ecomagination challenge to entrepreneurs and researchers world-wide to accelerate development of smart grid technology. Other sponsors are ETH-Zurich, international law firm Foley & Lardner LLP, the Canton of Zurich, and Swiss innovation promotion agency CTI.

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