

SCIENCE | BUSINESS

The Innovation Connection

new

ideas
leaders
technologies

Berlin
7 october 2014



The Innovation Awards



Welcome



It is my pleasure to welcome you to the Innovation Connection, the 2014 Science|Business Annual Summit. Today's debates focus on the challenge of leveraging Europe's excellent scientific base to create global champions—the SAP's and Skype's of tomorrow. We will also announce the winners of the 6th annual Academic Enterprise Awards (ACES), a pan-European competition launched by the Science|Business Innovation Board in 2008 to honour spin-outs from research universities and institutes. And this year, we add to the line-up a "global innovation" award.

We are particularly pleased to co-host this year's summit at TU Berlin, where a strong entrepreneurial curriculum and a vibrant Center for Entrepreneurship have contributed to making Berlin a European hotspot for technology start-ups and a city attracting global talent.

Much has changed since the first ACES competition in 2008. Across Europe, seed capital is flowing from government and university programs, institutional support is growing and spin-outs are multiplying. But there is work to do improving the financing of innovation – growth capital is in short supply. Europe does not produce as much disruptive innovation as the US. And its medium and large companies need to innovate faster and more. Do we need to do more at the university level to develop and encourage innovators? Our panel debates will address these issues.

One encouraging trend is that European entrepreneurs are looking beyond their own borders from day 1. Many are spending time in vibrant start-up ecosystems – from Silicon Valley to Berlin to London, testing their ideas, vetting their technology and raising capital. This trend bodes well for the innovative potential and global savvy of a new generation of founders.

We hope you will contribute to the panel debates, cheer on our awards finalists and enjoy fruitful exchanges on fostering innovation.

Gail Edmondson

Gail Edmondson
Editorial Director
Science|Business

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Ladies and gentlemen,
Science|Business Summit participants,

The core of Germany's internationally competitive economy, dominated by small and medium businesses, is and will continue to be a modern and dynamic industry. If it is to remain strong in the future, it must be able to rely on companies' innovative strength and the transfer of knowledge from universities to business.

In Germany, too, we need a new dynamic start-up culture – the digitisation of production and products poses huge challenges for our national economy, while industrial production is about to take a giant leap forward with Industry 4.0.

Today's start-ups will become the SMEs of tomorrow, and providing them with support, venture capital and conditions which allow them to grow is thus an important task for policy-makers and authorities.

An ongoing exchange of experience between entrepreneurs, academics and policy-makers, as we have at this year's Science Business Summit, is of particular importance. I am most pleased that innovative start-ups and academics are also being recognised at this summit for their excellent work and achievements.

I wish to thank the organisers of Science|Business for their great work and commitment in preparing this summit, and wish all of you participating a successful day filled with interesting sources of inspiration for the academic and entrepreneurial road ahead.

Patricia Lips

Patricia Lips
*Member of the German Bundestag
Chairwoman of the Committee on Education,
Research and Technology Assessment*

Agenda

Morning session: How Europe can lead the world in innovation

- 09:00 | **Opening welcome**
Christian Thomsen, President, TU Berlin
- 09:05 | **Introduction**
Richard L. Hudson, CEO and Editor Science|Business
- 09:10 | **Video interview with José Manuel Barroso, President of the European Commission**
- 09:15 | **The secret to fostering global champions — four breakthrough ideas**
Moderator: **Richard L. Hudson**, CEO and Editor, Science|Business
Ramon A. Wyss, Vice President International Affairs, KTH Royal Institute of Technology
Frank Salzgeber, Head of Technology Transfer Programme Office, European Space Agency
Raymond Hegarty, Managing Director, Intellectual Ventures International Licensing
Javier Gimeno, Professor of Strategy, INSEAD
- 10:00 | **Can European VC survive? What's gone wrong and how to fix it**
Flash report from a Science|Business Innovation Board study underway at Aalto University
Will Cardwell, Senior Lecturer and Adviser on Entrepreneurship and Venture Capital, Aalto University
- 10:15 | **Overcoming the funding crisis – new ways to finance innovation**
Moderator: **Gail Edmondson**, Editorial Director, Science|Business
Anne Glover, Chief Executive and Co-founder Amadeus Capital Partners; Chairman, EVCA VC Platform Council
Gunnar Muent, Director, Innovation and Competitiveness, European Investment Bank
Candace Johnson, President, European Business Angels Network (EBAN)
Mmboneni Muofhe, Deputy Director General: Technology Innovation, Department of Science and Technology, Republic of South Africa
- 11:00 | **Coffee break**
- 11:30 | **Meet the Innovation Awards finalists – Innovators' elevator-pitches**
Stephan Jacquemot, Principal, Microsoft Ventures
Jonathan Wareham, Dean of Faculty & Research, ESADE
- 12:30 | **Lunch**

Afternoon session: Challenging the status quo

14:00 Germany's innovation machine takes on Silicon Valley

Detlef Dauke, Head of Innovation, IT and Communications Policy, German Federal Ministry of Economic Affairs and Energy

14:10 Disruptive innovation – How can Europe spark more of it?

Moderator: **Gail Edmondson**, Editorial Director, Science|Business

Frank Brown, Managing Director and Chief Operating Officer, General Atlantic

Hannu Kauppinen, Vice President, Head of Nokia Labs

Howard W. Fogt, Partner and Antitrust Lawyer, Foley & Lardner LLP

15:00 Teaching innovation: A masterclass

Moderator: **Peter Wrobel**, Co-Founder, Science|Business

Tuula Teeri, President, Aalto University

Johan Einar Hustad, Pro-Rector for Innovation, NTNU

Giovanni Azzone, Rector, Politecnico di Milano

Simon Hepworth, Director of Enterprise, Imperial College London

15:45 Coffee break

16:15 Foresight 2030 results – innovation megatrends that will transform society and economy

Summary of a private debate held on October 6th, by **Richard Flaye**, Chairman of the Board, Science|Business and **Daria Gołebowska-Tataj**, Founder & CEO, Tataj Innovations and former Member the Governing Board of the European Institute for Innovation and Technology (EIT).

16:15- 17:45 Braingain as Innovation Strategy – Learning from the US (Private session)

Moderator: **Manuel Hartung**, Managing Director, TEMPUS CORPORATE

Sabine Jung, Managing Director, German Scholars Organization e.V.

Christian Glöckner, Head of Sequencing Department, Blackfield AG

Kilian Guse, CEO and Co-Founder, GeneQuine Biotherapeutics

Philipp Schmäzle, Entrepreneurial Scientist, Google

Andreas Schmidt, CEO and Co-Founder, Ayoxx

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Agenda

16:30 Inside the world's most innovative companies – what makes them different?

Moderator: **Richard Flaye**, Chairman of the Board, Science|Business

Thomas Rinn, Partner, Global Head Engineered Products / High Tech, Roland Berger Strategy Consultants

Maya Said, Vice President - Head of Strategy, Science Policy & External Innovation, Sanofi Global R&D

Laura Montagna, Director, SKF Engineering & Research Centre

Matthew W. Ganz, President, Boeing Germany and Northern Europe; Vice-President, European Technology Strategy, The Boeing Company

17:15 The story of Slush! A student idea that became a funding machine for Nordic IT start-ups

Martin Talvari, Chief Strategy Officer, SLUSH, Finland

17:45 Award ceremony

Master of Ceremonies: **Frank Brown**, Managing Director and Chief Operating Officer, General Atlantic

Award Presenters:

- *The ACES Life Sciences Award*: **Raymond Hegarty**, Managing Director, Intellectual Ventures International Licensing

- *The ACES ICT Award*: **Simon Hepworth**, Director of Enterprise, Imperial College London

- *The ACES Green Award*: **Jan Kratzer**, Chair of Entrepreneurship and Innovation Management, TU Berlin

- *The Global Innovation Award*: **Vinny Pillay**, Senior Science & Technology Representative to the EU, South African Department of Science & Technology, and **Constantine Vaitas**, Coordinator of Esastap Plus

18:15 Networking cocktail

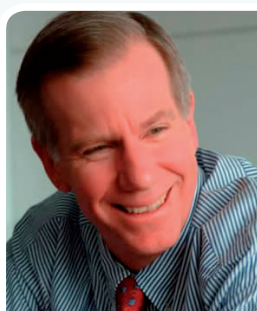
Speakers



Giovanni Azzone

Rector, Politecnico di Milano

Giovanni Azzone is rector at Politecnico di Milano. Since 1994, he has been a full professor of Management Control Systems at Politecnico di Milano. In 2013, he became president of the T.I.M.E. network and member of the Board of Directors at Fondazione La Triennale di Milano. Since 2012, he has been on the Board of Directors of the Ecole Centrale Paris. He has a Master of Science, cum laude, in management engineering.



Frank Brown

Managing Director and Chief Operating Officer, General Atlantic

Frank Brown focuses on GA's global operations. He has had over 30 years of business experience and joined GA in 2011. From 2006 to 2011, Frank served as Dean of INSEAD, a leading international business school with campuses in Europe, Asia and the Middle East. During his tenure as Dean, INSEAD opened its campus in Abu Dhabi and established the Blue Ocean Strategy Institute and the Social Innovation Centre. Under his leadership, the school increased participation of women students in the M.B.A. program by more than 50%, built stronger connections with alumni and the business community and raised awareness of the INSEAD brand.



Will Cardwell

Senior Lecturer and Adviser, Entrepreneurship and Venture Capital, Aalto University

Will Cardwell is senior lecturer on venture capital and entrepreneurship at Aalto University Executive Education, and Aalto School of Science (the Aalto Ventures Program). He serves as a mentor in several accelerators, and does some angel investing. Formerly, he was in charge of coordinating Aalto University's strategic university partnerships and was involved in corporate partnerships. In 2010, he co-founded and ran the Aalto Centre for Entrepreneurship (ACE), Aalto's tech transfer and spin-out arm. Before that, he ran Finland's largest technology incubator, Technopolis Ventures. He has spent over 15 years in the Finnish high-tech environment.



Detlef Dauke

Head of Innovation, IT and Communications Policy, German Federal Ministry of Economic Affairs and Energy

Detlef Dauke is director general at the German Federal Ministry of Economic Affairs and Energy where he heads the ministry's work on innovation, IT and communications policy. From 2008 to 2013, he was responsible for the ministry's work on energy policy. Prior to this, he was head of the division for technology policy as well as chief of staff of the minister. His first positions in government service were with the Ministry of the Interior. He studied law and was admitted to the bar in 1987.

Speakers



Gail Edmondson

Editorial Director, Science|Business

Gail Edmondson manages online editorial, reports and research projects. 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 throughout the European Union. 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.



Richard Flaye

Chairman of the Board, Science|Business

Richard Flaye is a portfolio director, mentor, consultant, angel investor and trainer. He grew up in Uganda, read politics and parliamentary studies at Oxford, worked as an economist with the Swaziland Government and then got an MBA from Harvard. He spent four years with McKinsey and Co and then joined Reed Business Publishing. He is currently an investor in and chairman of Reds10, a Big Venture Challenge winner in 2011, which gains long term, skilled employment for disadvantaged young people in London through apprenticeships in the construction industry. He is actively involved with BuildAfrica, a charity which helps young people in East Africa.



Howard W. Fogt

Partner and Antitrust Lawyer, Foley & Lardner LLP

Howard W. Fogt is a partner and antitrust lawyer with Foley & Lardner LLP. Fogt counsels and represents corporate clients in international and domestic trade regulation laws, multinational mergers and acquisitions, international antitrust, distribution and franchise matters, the transfer and license of intellectual property and technology, and the law of the European Union. He is a member of the firm's Antitrust and International Practices and the Automotive and Life Sciences Industry Teams.



Matthew W. Ganz

President, Boeing Germany and Northern Europe; Vice-President, European Technology Strategy, The Boeing Company

Matt Ganz is responsible for developing and implementing Boeing strategy in Germany and Northern Europe, which focuses on new business, industrial and technology partnership opportunities, corporate citizenship projects and expanding the company's presence. Previously, Ganz was vice president and general manager of Boeing Research & Technology, the advanced central research and development unit of The Boeing Company.



Javier Gimeno

Professor of Strategy, INSEAD

Javier Gimeno is professor of strategy at INSEAD, where he holds the Aon Dirk Verbeek Chair in International Risk and Strategic Management. Since 2001, he has taught strategy and industry and competitive analysis at INSEAD at all levels – MBA, Executive MBA, Ph.D., and executive programmes for leading global companies. From 2009 to 2011, he also served as dean of Executive MBA programmes at INSEAD. He currently serves as academic director of the INSEAD European Competitiveness Initiative, a broad initiative by INSEAD faculty to understand and improve business competitiveness in Europe. Javier's research focuses on understanding competitive strategy decisions, and how these decisions lead to competitive interactions and performance consequences.



Anne Glover

Chief Executive and Co-founder, Amadeus Capital Partners Limited

Anne Glover is chief executive and co-founder of Amadeus Capital Partners Limited and she brings together her many threads of experience - as a scientist, operating manager, and venture capitalist. She is currently a member of the European Research and Innovation Advisory Board and chairman of the EVCA VC Platform Council. Glover was chairman of the British Venture Capital Association (BVCA) from 2004 to 2005, and a non-executive director of the UK Technology Strategy Board from 2005 to 2012.



Daria Gołebiowska-Tataj

*Founder and CEO, Tataj innovations;
Former Member of the EIT Governing Board*

Daria Gołebiowska-Tataj is an author of Entrepreneurial Innovation Networks (2013), ex-founding Executive Board Member of the EIT-European Institute of Innovation and Technology, alumna of the World Economic Forum Global Agenda Council, and founding president of Vital Voices Poland.



Raymond Hegarty

Managing Director, Intellectual Ventures International Licensing

Raymond Hegarty has overall responsibility for the monetisation and operational activities of IV's international operations. He oversees long-term, non-U.S. strategy and execution and develops executive relationships with new and existing customers. Hegarty is recognised by Intellectual Asset Magazine as one of the world's leading IP strategists. He brings a depth of experience at the director/CEO level in managing high-growth, IP-intensive international businesses. Previously, he served as managing director and CEO of Unilin Flooring Industries, the IP subsidiary of Mohawk Industries. Before that, Raymond spent 15 years leading technology transfer programs, business development and operations for a number of companies, including Tattile International and LMI Technologies.

Speakers



Simon Hepworth

Director of Enterprise, Imperial College London

Simon Hepworth joined Imperial College in September 2009 with 14 years corporate experience in the automotive and electronics sectors, having worked for the Ford Motor Company and the Visteon Corporation in a range of product development, strategy, B2B sales, business development, programme management and manufacturing roles in the UK and overseas. Hepworth holds a DPhil from Oxford University.



Richard L. Hudson

CEO & Editor, Science|Business

Richard L. Hudson has been a leading science and technology journalist in Europe for more than 30 years. As managing editor of The Wall Street Journal Europe from 1997 to 2003, he helped lead a redesign of the title in 2000. He co-founded Science|Business in 2004. He is also co-author of book with Yale/IBM “fractal” mathematician Benoit Mandelbrot: “The (mis)Behavior of Markets: A fractal view of risk, ruin & reward”: Basic Books 2004. He is a graduate of Harvard, and a former Knight Fellow at MIT.



John Einar Hustad

Pro-Rector for Innovation, Norwegian University of Science and Technology (NTNU)

Johan Einar Hustad is pro-rector for innovation at NTNU. He has responsibility for implementation of the university innovation strategy and relationships with innovation networks at regional, national and international level. He is the chairman of the board of directors at NTNU Technology Transfer and coordinates efforts related to the university’s intellectual property rights.



Stephan Jacquemot

Principal, Microsoft Ventures

Stephan Jacquemot is a principal at Microsoft Ventures. Before joining Microsoft in early 2010, Stephan Jacquemot keenly focused on entrepreneurship and innovation management for many years. His recent adventure just brought him back from Bahrain where he set up an investment- and consulting firm. Prior to that, Stephan Jacquemot was responsible for innovation management at the German Aerospace Center (DLR) in Oberpfaffenhofen, Germany. He was primarily involved in business development projects related to the satellite navigation project Galileo. Stephan Jacquemot holds a master’s degree in business administration with distinction from Cologne University.



Candace Johnson

President, European Business Angels Network (EBAN)

Candace Johnson is co-initiator of SES/ASTRA and SES Global, the world's pre-eminent satellite group. She is also founding president of Europe Online Investments S.A., the world's first internet-based online service and satellite broadband network, and founder of Loral Cyberstar-Teleport Europe, Europe's first independent private trans-border satellite communications network. Johnson is also founding president of the VATM, the Association of Private Telecom Operators in Germany and founding president of the Global Telecom Women's Network.



Hannu Kauppinen

Vice President, Head of Nokia Labs

Hannu Kauppinen is responsible for the long term R&D for Nokia Technologies. Kauppinen has a strong track record in bringing research innovations to products. He joined Nokia Research Center in 1997 and has since then held key leadership positions in Nokia's R&D. He has contributed to and overseen research in cognitive radio systems, cellular systems, wireless local connectivity, networking technologies, software defined radios, RF and antenna design, as well as sensing and positioning radios, audiovisual technologies, nanomaterials and their applications for sensing. Previously, he was the director of the Radio Systems Laboratory in Nokia Research Center.



Laura Montagna

Director, SKF Engineering & Research Centre

Laura Montagna is responsible for the SKF Engineering & Research Center, where fundamental and applied research is undertaken by more than 150 experts in different disciplines like material science, modelling, engineering and physics. She started her career in SKF in 1995 as programme manager lubrication for SKF R&D, leading the development of new lubricants and surface treatment for the SKF product portfolio. Before joining SKF, Montagna was researcher and project manager in the R&D center of an Italian chemical company, later acquired by Solvay, specialised in perfluorinated products, where she developed new polymers, lubricants and surface modifier for different applications.



Gunner Muent

Director, Innovation and Competitiveness, European Investment Bank

Gunnar Muent is currently director of the Bank's Innovation and Competitiveness Department within EIB's Projects Directorate that is responsible for the technical and commercial due diligence of investment proposals. The department is focusing on R&D-intensive sectors, including the engineering, automotive, chemical, pharmaceutical and telecoms industries, as well as the education and health sectors. Gunnar holds degrees in industrial engineering and a doctorate from technical universities in Germany. Prior to joining EIB, he worked as researcher at the German Fraunhofer Society and in various positions in the chemical industry.

Speakers



Mmboneni Muofhe

*Deputy Director General, Technology Innovation,
Department of Science and Technology, Republic of South Africa*

Mmboneni Muofhe was previously deputy director general for international cooperation and resources and has held several positions at the department of science and technology. During this period, he oversaw South Africa's growing participation in EU research funding programmes; he led the mobilisation of official development assistance funds to support South Africa science system and the department managing partnerships with multinational companies. Mmboneni's earlier work and post-graduate years were mainly on agronomy research, especially agricultural biotechnology. He was a UNESCO biotechnology fellow at the Agricultural Research Council in 1997.



Thomas Rinn

*Partner, Global Head of Engineered Products/High Tech, Roland Berger
Strategy Consultants*

Thomas Rinn is Partner with Roland Berger Strategy Consultants and is leading two Competence Centers - Operations Strategy and Engineered Products/High Tech. He provides consulting to companies in different industries (high tech, aviation etc.) and has a broad expertise on innovation topics. He joined Roland Berger more than 16 years ago, heads the Stuttgart office and holds two degrees in Business Administration, an M.B.A. from Portland State University and a "Diplom-Kaufmann" from the University of Tuebingen.



Maya Said

*Vice President - Head of Strategy, Science Policy & External Innovation,
Sanofi Global R&D*

Before joining Sanofi in 2011, Maya R. Said spent seven years at The Boston Consulting Group where she was a core member of BCG's HealthCare and Strategy practice areas, and held a number of research and teaching positions at MIT in the fields of computational biology and signal processing. She holds two bachelor of science degrees in electrical engineering & computer science and in biology, a master of science degree in toxicology, a master of engineering degree in electrical engineering & computer science, as well as a doctor of science degree in electrical engineering, computer science and systems biology, all from the Massachusetts Institute of Technology (MIT).



Frank Salzgeber

Head of Technology Transfer Programme Office, European Space Agency

Frank Salzgeber is head of the Technology Transfer Programme Office of the European Space Agency (ESA). Prior to this post, he was the head of commercial development in European Astronaut Department of the Directorate of Human Spaceflight Micro-gravity and Exploration at the ESA. Before joining ESA, he held the position of chief operating officer at an IT start-up headquartered in Munich between 2000 and 2003. Salzgeber also spent seven years with Apple Computer, 1993-2000, initially as an account manager and later as a sales manager covering central Europe. Salzgeber is a member of the advisory board of the Triangle Venture Capital Group and of the European Business Network board of directors.



Martin Talvari

Chief Strategy Officer, SLUSH, Finland

Martin Talvari is chief strategy officer at SLUSH, a two-day startup conference where talent gets together to meet leading investors and media from around the world. In 2013, SLUSH had 7000 attendees, 1221 startups from 68 countries, 118 international venture capital funds and 350 media organisations visiting the event. Talvari also works as chief marketing officer at Startup Sauna, providing mentorship and advice on technical, business and fundraising topics.



Tuula Teeri

President, Aalto University

Tuula Teeri was appointed the first president of Aalto University in April 2009. She is a staunch supporter of research excellence as a solid foundation for pioneering education and societal impact. Under her leadership, Aalto has implemented the Tenure Track career system, established interdisciplinary programs in research and education and is currently reforming its educational curricula according to the Bologna principles. Aalto University is also emerging as a major hub for growth entrepreneurship through joint activities of the student-led Aalto Entrepreneurship Society, Aalto Venture Garage and Aalto Centre for Entrepreneurship.



Christian Thomsen

President, Technische Universität Berlin

Christian Thomsen became president of the Technische Universität Berlin in April 2014. He represents the university and is responsible for the smooth running of all university proceedings. A physicist specialised in small particles and carbon nanotubes, Thomsen first joined TU Berlin in 1994 as professor of physics. Between 1997 and 1999, Thomsen was vice president for academic affairs. In 2003, Thomsen became dean of the Faculty of Mathematics and Natural Sciences. He is founding director of the 'Inno-Campus', a TU Berlin project aiming to strengthen the university's offering in the fields of eLearning, eTeaching, eResearch, and eScience. Thomsen holds a large number of scientific publications.



Jonathan Wareham

Dean of Faculty & Research, ESADE

Jonathan Wareham is dean of Faculty & Research for the ESADE Business & Law Schools, and Professor of Information Systems at ESADE Business School. Dr. Wareham's research has been published in over 80 refereed journals and proceedings such as Organization Science, Decision Sciences, Decision Support Systems, IEEE Transactions on Engineering Management, IEEE Computer, Journal of Medical Internet Research, Journal of the American Society for Information Science and Technology, International Journal of Medical Informatics and numerous others. He serves as Senior Editor of MIS Quarterly, and has held/holds editorial positions with Information Systems Research, Journal of Information Technology, Journal of the Association for Information Systems, Information & Organization. Jonathan sits on the advisory boards for a number of academic institutions, NGOs and social entrepreneurs.

Speakers



Peter Wrobel

Founding Director, Science|Business

Peter co-founded Science|Business in 2004 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.



Ramon A. Wyss

Vice President International Affairs, KTH Royal Institute of Technology

Ramon Wyss is an associate professor in theoretical nuclear physics and the vice president for international affairs at the KTH Royal Institute of Technology. He also initiated and chaired the 'Graduate School in Physics' at KTH in 1996–2001 and was a coordinator of studies for the 'international master of science programme in quantum physics' in 1996–2004. Wyss has published widely: he has more than 190 papers in the field's journals, more than 50 papers at topical conferences, more than 60 seminar papers at different universities as well as several articles in the popular media.

Braingain as Innovation Strategy – Learning from the US



Christian Glöckner

Head of Sequencing Department, Blackfield AG

Christian Glöckner is head of the sequencing department at Blackfield AG, which focuses on genome analytics, discovering modifiers of drug response and developing next-generation diagnostics. He received his PhD in 2008 from the University of Konstanz in the field of directed protein evolution on thermostable DNA polymerases. From 2008 to 2010, he worked as a research associate at The Scripps Research Institute in La Jolla, California. From 2010 to 2014, Christian was part of the protein engineering group and the research department at Illumina, San Diego, California.



Kilian Guse

CEO and Co-Founder, GeneQuine Biotherapeutics

Kilian co-founded GeneQuine Biotherapeutics in 2012. He has more than 8 years experience in the field of gene therapy and is author of more than 25 scientific publications in international, peer-reviewed journals and book chapters on this topic. He holds a PhD in gene therapy from the University of Helsinki, Finland (2009) and has done postdoctoral training at Baylor College of Medicine in Houston, USA (2009–2011). His company, GeneQuine, is a Germany-based biotech startup company focused on the development of gene therapy for osteoarthritis.



Manuel J. Hartung

Executive Director, TEMPUS CORPORATE

Manuel J. Hartung graduated with a master's in Public Administration from Harvard Kennedy School in May 2011 with the support of the McCloy Scholarship. Upon graduation, he joined TEMPUS CORPORATE, a subsidiary firm of the German publisher ZEIT Verlag, as its executive director. Before studying at Harvard, he served as the editor-in-chief of DIE ZEIT's bi-monthly university magazine ZEIT CAMPUS, a magazine he helped to found in 2006. Furthermore, Manuel studied history, law, and psychology at Bonn University and New York University and received a Master's from Bonn University; he graduated from the Henri Nannen School of Journalism and taught journalism at Göttingen University. He published a novel and three non-fiction books.



Sabine Jung

Managing Director, German Scholars Organization e.V.

As managing director of the German Scholars Organization (GSO), a non-profit organisation founded in San Francisco, Sabine's main objectives are to encourage German academics working abroad to return to Germany and to promote a "Culture of Welcome" in Germany. Before joining the GSO in 2010, Sabine was head of the Studienkolleg zu Berlin (2006–2010), a European Young Leaders Program. From 2002 to 2006, she worked as a consultant and global practice area manager for The Boston Consulting Group (BCG) in Frankfurt.



Philipp Schmälzle

Entrepreneurial Scientist, Google

Philipp Schmälzle joined Google in 2012, where he is working as an entrepreneurial scientist. From 2007 to 2012, he was a member of the research staff at the Palo Alto Research Center (PARC), where he focused on disruptive technology at interdisciplinary interfaces, particularly between optical and electrical phenomena and subsystems. He received his diploma in 2006 from the Light Technology Institute at the Karlsruhe Institute of Technology (KIT).



Andreas Schmidt

CEO and Co-Founder, Ayoxxa Biosystems GmbH

While obtaining a PhD in molecular and cell biology jointly from the University of Cologne and the University of California, Berkeley, Andreas Schmidt received several prestigious fellowships and awards in the USA, Germany, China, Taiwan and Singapore. He served on the advisory board of the German Academic International Network (GAIN) heading the Transatlantic Entrepreneurship Network (TEN) and was nominated by the newspaper "Die Zeit" as one of the top 5 "Young researchers of the year 2010" in Germany. His company, Ayoxxa Biosystems, is an international biotech company based in Cologne and Singapore.



SCIENCE | BUSINESS

Avenue des Nerviens 79, box 22
B-1040 Brussels, Belgium

Email: info@sciencebusiness.net

Tel: +32 (0)2 304 75 77 | Fax: +32 (0)2 304 75 72

www.sciencebusiness.net