

Contributors

Orna Berry, PhD, Corporate Vice President Growth and Innovation, EMC Centers of Excellence EMEA and the US, Herzliya, Israel

Dr. Berry is a recognized entrepreneur with over 25 years of experience in the Israeli science, technology and venture capital industries. She is known for promoting excellence, entrepreneurship, global R&D and innovation collaboration. Dr. Berry has held a wide range of key positions with significant economic, business, social and public impact throughout her career – she was a co-founder of Ornet Data Communications Ltd., has held the position of Chief Scientist of the Ministry of Industry and Trade in the Israeli government, served as the Chairperson of the Israel Venture Capital Association (IVA) and was previously a Venture Partner at Gemini Israel Funds. Dr. Berry serves as a Director at PrimeSense, as the Chairperson of the Israel-Australia Chamber of Commerce and as the chairperson of the Executive Committee of the Academic College Tel Aviv-Jaffa.

Dave Chapman, PhD, Deputy Head of the Department of Management Science and Innovation, University College London, UK

Dr. Chapman is deputy head of the Department of Management Science and Innovation, program director for the MSc in Technology Entrepreneurship and vice dean for the faculty of engineering at University College London. He has worked as business development manager for GIS in UCL's technology transfer office, as a senior lecturer in UCL's department of geomatic engineering, as the founder and coordinator of the University of London MSc program in geographic information science and also as a founder and director of an oil-services company utilizing 3D computer-aided design and modeling. Dr. Chapman has deep practical and theoretical understanding of issues relating to science-led innovation and collaborative R&D between industry and academia and he remains deeply involved with the development and delivery of UCL's entrepreneurship activities.

Jun-Ming Chen, MBA, National Chengchi University, Taiwan

Mr. Jun-Ming Chen has academic degrees in EE from National Chiao Tung University (NCTU) and an MBA from National Chengchi University (NCCU). After several years working as a product manager in the IT

industry at Advantech Co. Ltd. and as an adjunct lecturer at Tunghai University (THU), he is now studying for a PhD degree in technology and innovation management at National Chengchi University, Taipei, Taiwan. He is especially interested in industry and corporate policies, innovation and social networks, and China studies.

Sven H. De Cleyn, *PhD, Incubation Programs Manager at iMinds, Ghent, Belgium*

In his role at iMinds, the leading interdisciplinary research and venturing organization in Belgium, Dr. De Cleyn works with companies and other partners on the newest technologies in domains such as networking, media, security and healthcare. He and his team coach and support 15 to 20 new ICT startups and spin-offs per year and build an ecosystem of related stakeholders such as financiers and incubators. Dr. De Cleyn obtained a Master's degree in Business Engineering at the University of Antwerp in 2005, followed by a PhD at the same university in 2011, conducting research primarily on academic spin-offs, high-tech startups and academic entrepreneurship in a European context. His PhD research included in-depth interviews with 185 spin-offs in nine European countries. Dr. De Cleyn currently continues research on a part-time basis and teaches entrepreneurship courses at University of Antwerp, Belgium.

Wim De Waele, *Chief Executive Officer of iMinds, Ghent, Belgium*

As CEO of iMinds, the leading interdisciplinary research and venturing organization in Belgium, Mr. De Waele has a strong focus on the development of new startup companies and the business acceleration of promising technology concepts. He obtained Master's degrees in Economics and Computer Sciences at the University of Ghent in 1987 and began his career as a scientific researcher at the University in the area of artificial intelligence in industrial applications. He continued this work at Siemens R&D in Belgium and München and then helped build the European organization of a Canadian software company Numetrix. After a brief startup venture in Belgium, Mr. De Waele joined i2 Technologies in 1995 as Services Director for Europe, where he developed the company's European organization, and then became Vice President of Consumer Goods and Retail at company headquarters in Dallas. Upon his return to Europe in 2001, Mr. De Waele became Chief Technology Officer of the distressed Real Software Group, and after the turn-around and sale of this company, in 2004 he joined the Interdisciplinary Institute for Broadband Technology (IIBT). Mr. De Waele serves on boards of startup companies and on advisory boards for several investment funds. He takes a keen interest in culture and media and has been active in public initiatives and regional economic planning.

Itxaso del-Palacio, *PhD, Teaching Fellow in Entrepreneurship at University College London and Investment Analyst at ECI Capital, London, UK*

Dr. del-Palacio teaches entrepreneurial finance for the MSc in Technology Entrepreneurship at the University College London and is an early stage investor at ECI Capital. At UCL she manages the Dissertation module in which she helps students work on their own startup ideas, developing their businesses, finding customers, getting ready for investment and raising money. At ECI Capital, she is responsible for developing quality deal-flow and performing due diligence of the companies in the pipeline as well as building relationships with potential follow-on investors. Dr. del-Palacio has an engineering background and holds a European PhD focused on business administration; her main areas of research are venture capital and Clusters of Innovation. She previously co-founded Founders Fit, a company to help entrepreneurs find co-founders, mentored entrepreneurs at Imperial College London and at UC Berkeley and worked on business development for the 22@Barcelona urban-technology park, helping Spanish companies launch in the USA. She has recently entered the Kauffman Fellows Program for innovation investing.

Jerome S. Engel, *Adjunct Professor Emeritus, Haas School of Business; Senior Fellow and Founding Executive Director Emeritus, Lester Center for Entrepreneurship, University of California, Berkeley; and National Faculty Director of the National Science Foundation I-Corps program*

Mr. Engel has extensive experience in the field of entrepreneurship. From 1979 to 1990, as a partner at Arthur Young & Co. (now Ernst & Young), he created and led the Entrepreneurial Services Group, a financial services practice that specialized in serving high potential venture capital funded startups, which gave him a key role in the emergence of Silicon Valley. In 1991, Mr. Engel joined University of California at Berkeley's Haas School of Business to found the Lester Center for Entrepreneurship and Innovation. Under his leadership as Executive Director for the next 20 years, the Center became a leader in entrepreneurship education, consistently ranked among the top programs worldwide. For the last 10 years Mr. Engel has advised academic programs and faculty throughout the world. He has been the principal author and faculty director of Intel Corporation's Technology Entrepreneurship Education Program, which has trained and provided curriculum to thousands of educators worldwide. In 2009 and 2011, in collaboration with Itxaso del-Palacio, he published keen observations of the global innovation system he named the Global Network of Clusters of Innovation. It is this framework that is the anchoring metaphor for this volume. He currently serves as the National Faculty Director for the US Government's National Science Foundation

Innovation Corps (I-Corps) program, which is training hundreds of the nation's leading scientists in entrepreneurial commercialization processes. Professor Engel is the Faculty Director of several executive education programs including the Venture Capital Executive Program for UC Berkeley and the Lean LaunchPad Faculty Development Series for the NCIIA, and he remains active in the venture capital community as a General Partner at Monitor Ventures.

Flavio Feferman, MA, MBA, *Lecturer at the University of California, Berkeley*

As a faculty member at the Haas School of Business, Mr. Feferman teaches courses on business, entrepreneurship, and innovation in developing countries. He received the Cheit Award for Excellence in Teaching in 2014. Mr. Feferman is also president of Developing Markets Group, which specializes in international economic development projects, focusing primarily on Latin America and Brazil. Over a 25-year career, Mr. Feferman directed several international projects for organizations such as the World Bank, the Inter-American Development Bank, and the US Trade and Development Agency. He served as Project Director and senior consultant on regional cluster initiatives in Brazil, Colombia, El Salvador, Argentina, and the United States. He also advises investors, companies, and non-profit organizations in strategic planning and feasibility studies for new ventures and has been a featured speaker in forums such as the Silicon Valley Venture Capital and Private Equity Roundtable, the Berkeley-Haas Latin American Business Conference, and the World Business Council for Sustainable Development. Mr. Feferman holds postgraduate degrees in Business and Economics from Stanford University and UC Berkeley. He is a native of Brazil and resides in San Francisco, California.

Florian Forster, PhD, *Postdoctoral Researcher at the University of California, Berkeley and 2012 Swiss National Science Foundation Fellow*

Dr. Forster conducted his PhD studies on social entrepreneurship at the WHU – Otto Beisheim School in Germany and at the University of St Gallen (HSG) in Switzerland, where he co-founded entrepreneurship centers at both universities and lectured in graduate and undergraduate courses on high-tech entrepreneurship, new venture creation and startup management. He received the FGF Best Sustainable and Social Entrepreneurship Research Award (2012), the HSG Communication Impact Award (2011), and BPTrends Best Student Paper Award (2006). Dr. Forster pursued graduate studies in management and IT at Technical University of Munich (TUM). He has been active as an entrepreneur and involved in projects in various industries. From 2006 to 2010 he led operations for a major VC-backed Internet startup in Central Europe.

Shigeo Kagami, *EDM, Professor and General Manager of the Office of Innovation and Entrepreneurship, Division of University Corporate Relations at the University of Tokyo, Japan*

Since 2004, Dr. Kagami has been responsible for the entrepreneurship education program, incubation facilities for University startups and mentoring University researchers and students in startup initiatives. He was a board member and auditor of the University of Tokyo Edge Capital (UTEC) until June 2013 and also a director of the Japan Academic Society for Ventures and Entrepreneurs (JASVE) until December 2013. Before joining the University of Tokyo in 2002 as a faculty member at the Graduate School of Pharmaceutical Sciences, Dr. Kagami was a strategy and management consultant and an executive search consultant for more than 17 years, including positions at Boston Consulting Group, founding partner of Corporate Directions, Inc. (CDI) and partner of Heidrick & Struggles. He is a graduate of Hitotsubashi University, Tokyo (BA in Commerce), and he earned an MBA from IMEDE (currently IMD, Lausanne, Switzerland). Dr. Kagami completed his doctoral work in management at Weatherhead School of Management, Case Western Reserve University (USA).

Montserrat Pareja-Eastaway, *PhD, Associate Professor at the University of Barcelona, Spain*

Dr. Pareja-Eastaway currently leads the research group 'GRC Creativity, Innovation and Urban Transformation' at the Faculty of Economics and Business of the University of Barcelona. She has been a member of the ENHR (European Network for Housing Research) Co-ordination Committee since 2000 and Vice-Chair since 2010. Dr. Pareja-Eastaway has published several articles in internationally recognized journals and various chapters in edited volumes. Urban regeneration strategies, creative cities and innovation districts, models of governance and creative and knowledge workers' networks are among current topics of research, as is comparison of circumstances in Spain with other European contexts, institutions and policies. She has been the Spanish partner responsible in several EU funded projects and is currently in charge of the Spanish funded research project INNOVA (2013–2015) 'Innovation, Creativity and Culture: defining the basis for a new socio-economic model for Spain in the aftermath of the economic crisis', which involves three Spanish universities. Dr. Pareja-Eastaway obtained a PhD in Applied Economics from the Autonomous University of Barcelona, Spain.

Josep M. Piqué, *MBA, President of the European Division of the International Association of Science Parks and Areas of Innovation and CEO of the Office of Economic Growth, Barcelona City Council, Spain*

Mr. Piqué is an experienced professional in university management, having led postgraduate programs, university incubators, and technology transfer centers at La Salle University, Barcelona, Spain. During his years as director of the Innovation Park of La Salle Barcelona, he has promoted several hybrid organizations partnering university, industry, and public administration and has fostered the creation of technology-based businesses, focusing on high growth 'born global' companies. As a policy maker at the Barcelona City Council in his position as CEO of the Office of Economic Growth and as former CEO of 22@Barcelona, he has developed urban and economic transformations in order to build 'ecologies of innovation'. Mr. Piqué obtained degrees in engineering and telecommunications from LaSalle University and an MBA from ESADE School of Business, Barcelona, Spain.

Qin Lang, *DBA, Chairman of Henan Excellent Highway Engineering Company Ltd., Henan, China*

Qin Lang is the founder and chairman of Henan Excellent Highway Engineering Co. Ltd., a medium-sized company in Henan, China. The company is in the field of high-tech materials for the construction of highways and has developed very fast in recent years. For conceptual and practical purposes Qin Lang is interested in the study of the governance of SMEs in complex environments and of the factors that facilitate and restrain the success of private businesses in China. She holds a DBA from ISCTE University Institute of Lisbon and an MBA from University of Illinois at Chicago. After working for several years in the United States, Japan and Singapore and prior to establishing her own company, she worked for a municipal government in China.

Carlos Scheel, *PhD, Professor Emeritus and former Director of the Graduate School of Digital Technologies at the Monterrey Institute of Technology and EGADE Business School, Monterrey, Mexico*

Dr. Scheel specializes in technological innovation strategies, systemic thinking approaches for sustainability and information technologies for regional development. He is a senior Research Fellow of the IC² Institute of the University of Texas, Austin, USA. Since 1986 he has been an international consultant for technical cooperation in technological development and industrial policies at UNIDO and on projects sponsored by PNUD, USAID, World Bank, IDB (BID) and other regional and government agencies. Dr. Scheel has developed programs to foster technology-based entrepreneurs and a culture of innovation for the creation of industrial clusters in developing regions, including the design and implementation of programs for science, technology and innovation to support innovation-based regional development in Armenia, Bolivia, Belize, Colombia, Ecuador, Guatemala,

Mexico, New Zealand, and other European countries. He is currently working on a framework, the SWIT Model, for sustainable wealth creation based on innovation and enabling technologies for developing countries.

Helmut Schönenberger, *MSc, MBA, Co-founder and Managing Director of UnternehmerTUM, the Center for Innovation and Business Creation at the Technical University of Munich, Germany*

Professor Schönenberger has been working to inspire people to embrace entrepreneurship and innovation since 2002. While studying aerospace engineering at Stuttgart University, he and some fellow students established a consultancy firm that the university management commissioned to devise a strategic concept for strengthening the startup culture at their institution. This marked the beginning of UnternehmerTUM, which under his direction, has been a leader in developing spin-out opportunities and financing new ventures, as well as promoting entrepreneurship education. With the founding of the UnternehmerTUM Fund in 2011, Professor Schönenberger and his team provide early-stage venture capital for startup teams with innovative technologies and convincing business models.

Manav Subodh, *MBA, Global Manager of Corporate Innovation and Entrepreneurship Initiatives at Intel Corporate Affairs Group, Bangalore, India*

In his role at Intel, Mr. Subodh's mandate is to create, support and fund innovation and entrepreneurship initiatives in over 30 countries, partnering with governments, private groups, universities and foundations to accelerate computing and its impact on people in emerging markets. He is presently leading mentoring and incubation at Intel Make it Wearable, one of the largest open innovation, product design and lean start up initiatives to launch the next generation of wearable products into the market with Intel technology. During his eight years with Intel Mr. Subodh managed initiatives in government affairs, education, environment, IP and corporate innovation pipeline management, and he served as technical adviser (TA) to the Intel India managing director. Prior to 2005, Mr. Subodh worked for four years in product development, marketing and business development at Hughes, a leader in satellite communication, establishing their global brand and positioning in India and for two years at QAI, a leading software consulting firm, developing their India operations.

Mr. Subodh is passionate about empowering people to activate their ideas into reality – a topic he presented at the first TED event at Intel headquarters, Santa Clara, CA. He has conducted leadership and innovation workshops in Egypt, India, Ireland, Jordan and US, including at the United Nations headquarters. To accelerate youth entrepreneurship globally, he led the team that created “The Power of E” animated video,

which has been translated worldwide. Under his leadership Intel's entrepreneurship initiatives have expanded in the APAC, Europe and MENA regions and Intel became the first corporate sponsor of a Lean Startup initiative involving startups from over 15 countries. Mr. Subodh also serves on the Advisory Board for the Global Social Venture Competition at UC Berkeley, which draws aspiring entrepreneurs from five continents. Mr. Subodh has an MBA from Amity Business School, Noida, India and is a graduate in electronics and communication engineering from the University of Mumbai, India.

Virginia Trigo, *PhD, Professor of Entrepreneurship and Director of China Programs at ISCTE University Institute of Lisbon, Portugal*

Dr. Trigo has been in and out of China, where she currently resides, since 1989. She is particularly interested in the upsurge and further development of private entrepreneurship in China, a subject she chose for her PhD degree from ISCTE, and has served as advisor for many of these companies along the years. From 1995 to 2001 she was the founding president of the Institute for Tourism Studies in Macau and since 2008 she has managed two high profile doctoral programs in conjunction with two Chinese universities, one in Business Administration and the other focusing in Healthcare Management addressed to top executives of hospitals and other agents in the healthcare industry.

Daniel Wasserteil, *MA, Economics Consultant and Entrepreneur, Tel Aviv, Israel*

Mr. Wasserteil holds an MA in Economics from Tel Aviv University and a BA in Business Management and Economics from Israel Open University. Until mid-2013 he worked as Senior Economics Consultant at E.G.P. Applied Economics Ltd., the leading Israeli consultancy in the field of R&D policy. Mr. Wasserteil has extensive knowledge in the search, processing and analysis of qualitative and quantitative information and data, with an emphasis on large data sets and the application of up-to-date econometric methods. His main fields of research at both the micro- and the macro-economic levels include: research and development (R&D), innovation, and technology; employment; and industry organization. He also has abundant experience in policy-oriented consulting for private and public organizations, including the Israeli Office of the Chief Scientist at the Ministry of the Economy; the Israeli National Council for R&D at the Ministry of Science, Technology and Space; and the Israeli Venture Capital Association. Presently Mr. Wasserteil has himself become an entrepreneur, focusing his energy to the international promotion of a tremendously talented Israeli sculptress, Tal Frank, and working as an independent consultant.

Phil Weilerstein, *Executive Director of the National Collegiate Inventors and Innovators Alliance*

Mr. Weilerstein began his career as a student entrepreneur at the University of Massachusetts where he received a BS in Environmental Microbiology and, with his advisor, launched a startup biotech company that ultimately went public. This experience, coupled with a lifelong passion for entrepreneurship, led to his work as the Founding Director of the National Collegiate Inventors and Innovators Alliance (NCIIA). The NCIIA is a US-based nonprofit organization whose mission is to support technology innovation and entrepreneurship in higher education and to create experiential learning opportunities for students and successful, socially beneficial innovations and businesses. With a membership of nearly 200 colleges and universities across the United States, the NCIIA engages more than 5,000 student and faculty innovators and emerging technology entrepreneurs each year, helping them to bring their concepts to commercialization. Mr. Weilerstein serves a co-director of the Engineering Pathways to Innovation Center, an NSF-supported center run jointly with Stanford University's Technology Ventures Program that infuses innovation and entrepreneurship into undergraduate engineering education. Mr. Weilerstein is a founder of the Entrepreneurship Division of the American Society of Engineering Education and was awarded the 2008 Price Award for Innovation.

Chao-Tung Wen, *PhD, Professor at the Graduate Institute of Technology and Innovation Management, National Chengchi University, Taipei, Taiwan*
Dr. Chao-Tung Wen was Director of the Center for Creativity and Innovation Studies at National Chengchi University from 2008 to 2012, and previously he served as Director of the eMBA program and of the Graduate Institute of Technology and Innovation Management. Professor Wen has spent decades of teaching and research in the areas of techno parks and incubators, entrepreneurial management and innovation and business models and has been leader of the GEM Taiwan team since 2010. He has published more than 100 conference papers and academic journal articles, has frequently contributed articles in various business newspapers and magazines and has reviewed over 70 innovation-related books. Recently he co-edited two books: 'Taiwan Business History for the Latest Century' and 'Does Family Business Still Matter?' Dr. Chao-Tung Wen obtained an MBA in Marketing from the University of Rochester, New York and a PhD in Urban and Environmental Studies from Rensselaer Polytechnic Institute, New York.

