



TITLE OF THE PANEL: Triple Helix model of innovation addressing societal crises: building resilience in regional innovation ecosystems

PROPONENT: Tecnológico de Monterrey , México

CHAIR: José Manuel Aguirre Guillen, Director of Strategic Alliances for Entrepreneurship at Tecnológico de Monterrey, México

MAIN TOPIC/SCOPE: The main objective of this panel is discussing some cases about how the local Triple Helix reacted to the pandemic

PANELISTS (NAME, SURNAME, AFFILIATION):

- **Dr Jorge Alberto Duran Encalada**, Universidad de las Américas, Puebla, México
The Theoretical Framework of THA COVID-19 research Initiative: "Understanding the Triple Helix role in front of COVID-19: a comparative analysis".
- **Dr Antonio Andreoni**, The Institute for Innovation and Public Purpose of the University College of London
Case(Italy): [Just Transformation project in Emilia-Romagna 2020](#)" financed by [EIT Climate KIC](#).
- **Dr David Güemes Castorena**, Tecnológico de Monterrey, México
Case (México): Understanding the Triple Helix role in front of COVID-19: a comparative analysis".
- **Dr Aline Figlioli**, The Centre for Change, Entrepreneurship and Innovation Management (CENTRIM), University of Brighton/UK
Case(Latam): Understanding the Triple Helix responses to COVID-19 global crisis: a comparative analysis through the eyes of the science and technology parks in Latin America
- **Dr Claudia Olvera Herrera**, Universidad Politécnica de Cataluña, Spain
Conclusions.

SHORT BIO AND PASSPORT-PHOTO OF CHAIR AND PANELISTS:

Chair:



José Manuel Aguirre Guillén currently serves as Director of Strategic Alliances for Entrepreneurship at Tecnológico de Monterrey, where he oversees all international entrepreneurship engagement initiatives. He manages the GEM México and previously was the Director of the Technology Parks Network, where he managed the development of more than 20 tech parks in Mexico. He is an awarded Entrepreneurship faculty member. His professional experience includes 20 years in managing technology-based development projects in Latin America, USA, and Europe, including activities with the IC² Institute of The University of Texas at Austin. He has co-founded two firms related to technology commercialization. His research focus on technology/entrepreneurship ecosystems and, technology commercialization. José Manuel holds graduate degrees in Management and Commercialization of Technology and Entrepreneurship.



Dr. Jorge A. Duran Encalada, is a full-time Professor at the School of Business and Economics, Universidad de las Americas Puebla (UDLAP). From 2010 to 2015 was Director of the Family Business Research Center. He has occupied different positions at UDLAP, as Research and Graduate Coordinator for the Business and Economics School (1993-1996), Chairman of the Finance and Accounting Department (1997-2000), Graduate Studies Coordinator (2001-2003), and Chairman of Business Administration and Marketing Department (2008-2009).

He has a bachelor's degree in Business Administration, a M.Phil. in Decision Making, and a Ph. D. in Urban and Regional Studies at University of Birmingham, Birmingham, England. He does research in the fields of Family business, System Dynamics, and Logistics and has published about 50 indexed articles. He is a member of the Mexican National Research System.

He has done consulting work in the areas of Family Business, Project Management and Evaluation, Operations Management, Strategic Planning, Regional Studies, International Logistics, and System Dynamics. He has directed various projects for important companies in these areas.

He was a Visiting Professor to Universidad de Monterrey, Mexico, in 2018, to the Università Cattolica del Sacro Cuore, Piacenza, Italy, in 2015-2018, to the Universidad Rafael Landívar, Guatemala, in 2003 and 2005, to the Sup de Co, Reims, France, in 2001; and to the National Research Institute of China to undertake research in logistics planning in the textile and vehicle industry in Shanghai, China.



Dr Antonio Andreoni is an industrial economist working on productive organisations and industrial ecosystem; technological change and innovation dynamics; structural change and diversification; financialisation and corporate governance; role of the state and industrial policy.

Dr Andreoni is also Visiting Associate Professor in the Fourth Industrial Revolution, South African Research Chair in Industrial Development, University of Johannesburg; Research Associate of the Department of Economics, SOAS University of London; Member of the Initiative for Policy Dialogue (IPD) led by Joseph Stiglitz at Columbia University; Member of the Babbage Forum at Cambridge University; Member of Reteaching Economics UK; and Life Member of Clare Hall, Cambridge. Dr Andreoni is Associate Editor of *L'Industria – Review of Industrial Economics and Policy*.

Dr Andreoni has led several research programmes. He was Research Director of the £6 million multi-countries Research Partnership Consortium on Anti-Corruption Evidence (ACE) led by SOAS University of London and funded by DFID. He was co-PI for the two-year programme on Governing Financialisation, Innovation and Productivity in UK Manufacturing (GoFinPro) funded by the Gatsby Foundation. He also led two streams of research funded by UNU-WIDER in South Africa and Tanzania.

Dr Andreoni has worked as an expert for several international organisations including the World Bank, OECD, DFID, GIZ, UNIDO, UNCTAD, ILO, UNDP, UN DESA and UN ECA. He also advised governments in industrial policymaking in South Africa, Tanzania, Uganda, Finland and the UK. He served in several advisory boards including the OECD Expert Group on the Evaluation of Industrial Policy; the World Bank Mobilizing Local Knowledge to Improve Competitiveness Strategies Programme; the EU Advisory Board for RIS3 Support to Lagging Regions Working Group; and the UK Business Integrity Initiative.

Before joining UCL, Dr Andreoni was Senior Lecturer in Economics at SOAS University of London. Dr Andreoni holds a PhD from the University of Cambridge (2013) where he was also a Post-doctoral Research Associate in University-Industry Strategic Partnerships, Institute for Manufacturing, Department of Engineering. Before moving to the UK, Antonio was trained in economics at the University of Bologna and was awarded the XIX Fausto Vicarelli National Award and the XIV Guido Carli National Award.



Dr. David Güemes Castorena received his bachelor's and master's degree in chemical engineering at ITESM. He obtained his D.Sc. in engineering management and technological innovation management from the George Washington University in Washington, DC. He worked at the Academy for Educational Development for over six years to implement and develop executive education management systems in Benin, Lesotho, Zambia, Uganda, the Philippines, and Malawi. He has designed support systems for decision-making in strategic education in Mexico, Pennsylvania, South Carolina, Washington, DC, and several African countries. He collaborated in more than ten projects of the World Bank, the IDB, and the ADB. In 2004, he joined ITESM Campus Monterrey, where he has specialized in the area of Foresight planning for technological innovation. Since 2005, he has been an evaluator and technical advisor of the National Technology and Innovation Award. He is also an accredited evaluator for CONACYT projects and currently belongs to level 1 of the National Research System. He has developed prospective planning systems for regional development studies, implemented in several Mexican states since the implementation of the Strategic Technological Observatory at ITESM in 2007.

In his consultancies and research projects, he has assisted large companies such as Grupo Bepensa, Nemak, Metalsa, Medix, Arnecom, Katcon, JCI, Macimex, Vitro, Navistar, Ficosa, Sisamex, Alestra, Comimsa, Denso, Ikusi, among others. Within the SME consultancy are Color Experts, Machinery Doga, Lenocco, Novocast, Teknik, Tarton, Metalinspec, Metrolab, Acument, Blackhawk, Evcoplastics, Epkamex, Lubrimak, Jonesplastic, Monterrey Prints, Stucki, Siteldi Solutions, Innovak, AgroBest, Glucom, among others.

On the international side, Dr. Güemes has been invited by the European Union's AI-Invest program to provide training and advice in foresight planning to various companies and intermediary organizations in Mexico, Cuba, Costa Rica, Panama, Guatemala, Honduras, Colombia, Bolivia, Ecuador, Argentina, Brazil, Uruguay, Paraguay, Peru, Chile, El Salvador, Venezuela, and Spain. He has coordinated projects to identify research opportunities by the Newton Fund, 2015, and internal projects in ITESM in conjunction with MIT, Nanyang TU, and Purdue. All the consultancies and research have been in the development/planning of innovation systems in the company.



Dr. Aline Figlioli, Research Fellow at CENTRIM and Innovation Consultant

Currently Dr Figlioli is a Research Fellow at CENTRIM/Univ of Brighton contributing to various projects supporting innovation for startups and scaleups. She designs and implements successful programmes and tools focused on assisting SMEs to transform innovation potential into strong business growth. One of the projects is INSPIRE – Open Innovation for SMEs (www.inspire-smes.eu) that provides a full methodology for small and medium companies to generate value for strategic partnerships to accelerate the innovation process. Dr Figlioli's background includes working for universities, government, and intermediary organizations, allowing her to develop an understanding of the various languages and unique innovation approaches to collaboration and partnerships. She has been an active participant in the movement of Technology Parks, Business Incubators, and other innovation habitats since 2006. She started her career with a degree in Economics and an MBA in Controlling and Finance and decided to follow her passion around innovation policy and innovation management and dive into the research on the perspectives of funding for technology parks in her Masters' degree. She developed it further during her PhD, focused on the financial sustainability of management organizations of technology parks, as a mix of innovation policy and innovation management. Aline's post-doc focused on the evolution of the modes of entrepreneurial ecosystems builders, as, accelerators, innovation hubs, fablabs and living labs. She act, for more than 4 years, as the Head of Innovation of Goiás State Government where she responsible for the implementation of regional development policies through science, technology and innovation efforts. The main programmes focused on the strengthening of innovative skills and competences of industry clusters spread around the State. Concurrently, she was nominated the President of the Goiás Network of Business Incubators and technology Parks.

Dr Aline had the opportunity to work closely as a consultant giving support for SMEs from a Health cluster in Brazil to implement internal innovation activities according to their needs and context. She worked for more than 4 years at the Supera Technology Park in Ribeirão Preto (<http://en.superaparque.com.br/>), from the University of Sao Paulo, contributing for its planning and first phases of implementation.

In the education side, she was a lecturer of a series of subjects related to business, economics and innovation, in class and in e-learning environments, for many years for undergrad and post-graduate courses.



Dr Claudia Olvera is Project Coordinator of México of THA research initiative: “Understanding the Triple Helix role in response to COVID-19: a comparative analysis”. The Council of Science and Technology of México (CONACYT) granted her an international scholarship to study a Master and PhD in Spain. She has a bachelor’s degree in Accounting and Finance, MBA in Family Business, a master’s degree in Entrepreneurship and Innovation from the University of Barcelona and a PhD in Business Administration at Universitat Politècnica of Catalunya, Spain. She has also been an international researcher at Science-to Business Marketing Research Centre (S2BMRC) of The University of Applied Sciences, Münster Germany. Besides during her doctoral studies was granted with the best paper award at The 2nd International Triple Helix Summit, Dubai, United Arab Emirates. Her research interests are in the areas of university-business cooperation, knowledge and technology transfer, entrepreneurship and innovation.