

# Industry Meets Academia Annual QTEM Analytics Conference

*Artificial Intelligence: Leading Theories and Daily Implementations*



Artificial Intelligence (AI) is gaining traction and promises to be everywhere: in our homes, cars, offices, even our recreational activities and medical visits—if it's not already there. But what does it all mean and what exactly does this look like in our daily lives? How will big data and analytics impact our lives—for better and for worse? How will AI influence the systems that translate vast data banks into strategic actions and business models? Join academic and corporate experts from the QTEM Network in a panel discussion to learn more about the latest AI theories and implementation models—and how this affects businesses, individuals, and everyone in the audience.

## Speakers

Prof. Hugues Bersini, Université Libre de Bruxelles  
Mr. Jerome Bryssinck, SAS  
Dr. Jacques Bughin, McKinsey & Company  
Mr. Nicolas Cudré-Mauroux, Solvay S.A.  
Dr. Serge Kassibrakis, Swissquote  
Prof. Michael Rockinger, HEC Lausanne, University of Lausanne

## Moderator

Prof. Bruno van Pottelsberghe, QTEM Chairman

## Venue

University of Lausanne  
UNIL-Sorge  
Amphimax 410

Friday, 17 November 2017  
14:00-17:00

## Agenda

14:00 Registration opens  
14:10 Conference starts  
16:30-17:00 Reception

To register visit: [www.qtem.org/#register](http://www.qtem.org/#register)

# Speakers

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**Prof. Hugues Bersini**  
**Université Libre de Bruxelles**

A member of the Royal Academy of Belgium, Hugues Bersini is a professor at the Université Libre de Bruxelles and co-director of the IRIDIA laboratory. A pioneer in the exploitation of biological metaphors for engineering and cognitive sciences such as artificial immune systems, he is also interested in data mining algorithms, simulations of biological networks and pioneering studies on complex chemical systems.



**Mr. Jerome Bryssinck**  
**SAS**

Jerome leads the Fraud and Financial Crime (FFC) Government practice across EMEA and AP for SAS, managing the subject matter experts within the government sector. Jerome has been with SAS for the last 12 years.

Jerome works with many large Government institutions across EMEA and AP, in creating solution roadmaps and appropriate risk strategies to combat fraud and financial crime in the public sector. Relevant tax related projects include the deployment of fraud detection systems covering multiple domains (e.g.: VAT Carousel fraud, offshore fraud, profit shifting) for the following countries: Belgium, Netherlands, Estonia, Spain and Singapore. Jerome's team also advises Tax, Customs and Welfare administrations in the following countries: Greece, Hungary, Australia, Poland, Slovakia, Austria, France and Belgium.



**Dr. Jacques Bughin**  
**McKinsey & Company**

Jacques Bughin is a Director with McKinsey & Company's Brussels office and also serves as the Director of the McKinsey Global Institute. Jacques is a core leader of the Media and Entertainment and Corporate Finance and Strategy practices. He also co-leads the Digital Economy Initiative, a major internal and external knowledge program launched by McKinsey. Since joining the firm in 1992, he has been based in the Amsterdam, London, Montreal, New York, and Toronto offices, working mainly on projects related to media and interactive entertainment. He also has helped clients all around the world – in Latin America, Asia and South Africa – on media related-issues.



**Dr. Serge Kassibrakis**  
**Swissquote**

Serge Kassibrakis is Head of Quantitative Asset Management at Swissquote. Serge graduated from Institut Supérieur de l'Aéronautique et de l'Espace, obtained a master degree in Astro Physics from Ecole Normale Supérieure de Lyon and received a PhD in theoretical Physics from Université de Provence. Working at Swissquote since 2001, he is since 2009 Head of the Quantitative Asset Management department, Director, Member of senior management of Swissquote Bank, leading a group of 5 mathematicians and physicists who are in charge of developing among others, the ePrivateBanking service.



**Mr. Nicolas Cudré-Mauroux**  
**Solvay S.A.**

Nicolas Cudré-Mauroux currently serves as Group Research & Innovation Manager. Nicolas joined Solvay from DuPont where he began his international career in 1988 as a researcher in the United States. Subsequent positions he held at DuPont included that of EMEA Regional Business Director for the Advanced Fibers and Nonwovens businesses. In 2011 he joined the DuPont-Danisco integration team and, in 2012, moved to Denmark to become the Technology & Innovation Director for the Food Ingredient business formed following this acquisition. A Swiss national born in Luxembourg, Nicolas Cudré-Mauroux holds a MS and a PhD in Materials Science from the Swiss Institute of Technology in Lausanne, Switzerland.



**Prof. Michael Rockinger**  
**HEC Lausanne, University of Lausanne**

A Professor of Finance at HEC Lausanne, the business school of the University of Lausanne, Michael's domain of research could be defined as financial econometrics or computational finance. He prefers models that work in practice even if their implementation is tedious as opposed to mathematical beauties that have closed form solutions but that do not work as markets would predict. He is currently extracting information from the internet on startups, which he analyses with machine learning techniques, with the aim of better understanding what makes a successful startup.

Prof. Rockinger received an M.A. in Economics at the University of Lausanne, an M.A. in Economics at Harvard University, and a Ph.D. in Economics at Harvard University. He is the author of many publications, has received numerous honors, and has an impressive and lifelong dedication to academia and his students.