

## **Peter Hacker – International Cyber Security Expert and Thought Leader**

### **Introduction – Keynote Cyber Committee Session**

Peter Hacker ([www.peterhacker.io](http://www.peterhacker.io)) is an outside-the-box-minded entrepreneur, global thinker and advisor with a Focus, Passion and Track Record in Cyber Security, Risk Modelling and (Re)Insurance.

His dynamic and insightful keynotes aim at rendering the real challenges and tremendous opportunities from inducing Data Science, Data Economy and Data Intelligence into Cyber Risk (Re)Insurance Solutions.

At the Singapore Actuarial Cyber Session in October, Peter wants his audience to understand and feel the context of the phrase: *'Cyber Risks and Opportunities' –The Stakes are high for (Re)Insurers'* in real terms with specific modeled losses and claims.

Data Science and Data Intelligence induce significant enthusiasm, but still they are looked upon with a certain degree of caution when it comes down to qualitative and quantitative Cyber Risk Modeling Assessment – in particular in Treaty Reinsurance –. The best way to overcome this skepticism is with insightful analysis and concrete results. Without any doubt, the global threat and exposure at (Re)Insurance Level is exponentially growing. Cyber Modelling and Incident Management can only be partially compared with other lines of businesses, but certainly not in detail with Nat. Cat Models given Cyber Risk being a global risk with rather limited diversification considerations.

This session will have particular focus on risk awareness, insurance and economic losses, modeling and incident challenges in Asia.

### **Executive Biography**

Peter Hacker ([www.peterhacker.io](http://www.peterhacker.io)) has two decades of cyber risk, technology and financial services advisory leadership experience (Banking and Insurance) in London, New York, Singapore and Zurich. The focus of his work and research has been for many years at top management level of leading global companies, midcap niche players and regional and international organizations (including regulators).

Most recently, he performed as an expert for (Re) Insurance top managements, country regulators and investors who required impartial advice on qualitative and quantitative Modeling Capabilities for Cyber Threat Assessment, Risk Aggregation, Product Development, Claims and VC Investments. In November 2018, he was engaged by the Singapore Reinsurance Association and supported by the Monetary Authority of Singapore to advise on the world's first Cyber Risk Insurance Pool in Singapore. The results for Phase I (Loss Cost Modeling) will be partially published in mid October 2019.

Between 2013 and 2019 Peter advised successfully B2C and/or B2B across the European Union, North America (USA, Canada and Mexico), Asia Pacific (Singapore, Malaysia, Japan, China, Hong Kong, Thailand, Vietnam, Australia and New Zealand), India, Latin America (Argentina, Brazil, Chile), Africa (North and South) and the Middle East (UAE, Bahrain, Israel). His main cyber risk expertise lays in the Private Sector ((Re)Insurance, Banking, Technology, Critical Infrastructure) and the Public Sector (Governments).

Peter holds an Economics Degree from the University of Applied Sciences Zurich, a dual MBA Degree from both London Business School (Distinction) and Columbia Business School (Honors) and was nominated by Columbia Business School to the international honor academic society - Beta, Gamma, Sigma – in 2004.