

## BIO'S SPEAKERS WEBINAR ON ORSA AND ESAP3

### **Clemens Frey**

Dr. Clemens Frey is a member of the German Association of Actuaries and of the German Society for Insurance and Financial Mathematics, holds a PhD in mathematics on the Simulation of Virtual Ecosystems and the CERA qualification. He is partner with PwC, leading the Actuarial Services team of PwC in Germany and being lead partner for IFRS 17. Before that he worked for Munich RE's Integrated Risk Management and held senior manager positions with KPMG Financial Services Advisory as well as The Boston Consulting Group (BCG).

He works on actuarial and risk projects in general (re-)insurance, focusing on modeling, model validation and - most recently - on advanced analytics and machine learning in insurance.

Clemens volunteers as a member of the General Insurance Committee of IAA as well as of DAV, and is deputy chair of the Accounting and Regulation Committee of DAV. He also chairs the SII Non-Life Working Party of AAE.



### **Elsa Renouf**

Elsa Renouf is a Fellow of the Institut des Actuaire in France and a Chartered Risk Enterprise Analyst (CERA). Elsa is chairing the ERM Commission of the Institut des Actuaire.

Elsa is SCOR Global Life Chief Risk Officer since January 2016. Elsa gained her experience in a variety of actuarial roles in pricing and product management in the Life reinsurance and consulting industries. She joined SCOR's Risk Management community primarily working on the Independent Validation of the Internal Model and more recently as Chief Risk Officer of SCOR Global Life Reinsurance Ireland before taking her current role.

Elsa is also Board Member of a French Mutual Company MIF providing simple savings and protection products.



### **Manuela Zweimueller**

Dr Manuela Zweimueller is Head of the Policy Department. She is responsible for EIOPA's regulatory and policy tasks in insurance and pensions. Manuela represents EIOPA in international affairs. She is a member of the Financial Stability and Technical Committee (FSTC) of the International Association of Insurance Supervisors (IAIS) and EIOPA's alternate representative on the IAIS Executive Committee (ExCo).

Prior to joining EIOPA in 2011, Manuela worked for more than 15 years in the (re)insurance industry, in various senior management positions and international assignments, such as Managing Director of Munich RE's branch office in Paris, overseeing the Solvency II implementation at ERGO International and chairing the Risk Management Forum of Munich RE's London entities. At Allianz, she focussed on industrial business, including innovative technologies.

Manuela holds a PhD in biochemistry and a Certificate in Economics for Scientists from the University of Hagen.



### **David Hare**

Dr David Hare is a Fellow of the Institute and Faculty of Actuaries, having qualified in 1988, and also holds the CERA qualification (2014). The first 25 years of his career were spent in life insurers, culminating in being Chief Actuary for Standard Life's UK-regulated insurance businesses for 5 years, and then Group Financial Risk Director. He became a partner in Deloitte in 2012, where he led the regulatory proposition for the actuarial practice and specialised in providing expert actuarial opinions to Courts and regulators on a variety of governance and conduct topics. Now recently retired from Deloitte, David holds a number of non-executive appointments, including chairing the Risk Committee for a UK insurer.

David was President of the IFoA in 2013 – 2014. He is also a past member of the UK's Board for Actuarial Standards (2010 – 2012).

David has been an AAE volunteer for more years than he can remember, and admits that one of the highlights was chairing the ESAP3 Task Force.