

Press Release

14 December 2016 - N° 31

SCOR supports actuarial science with the presentation of Actuarial Awards in six countries in 2016

Each year, SCOR rewards the best academic work in the field of actuarial science with prizes in several countries throughout the world. These prizes, several of which are financed by the SCOR Foundation for Science, are designed to promote actuarial science, to develop and encourage research in this field, and to contribute to the improvement of risk knowledge and management. They are recognized in the insurance and reinsurance industries as a mark of excellence.

From October to December 2016, the SCOR Actuarial Awards were held in six countries: France, Germany, Italy, Spain, Sweden and the UK.

The SCOR Actuarial Awards juries are composed of internationally recognised researchers and insurance, reinsurance and finance professionals. The winners are selected for their command of actuarial concepts, the quality of their analytical methods, and the originality of their research in terms of scientific advances and potential practical applications to the world of risk management.

Denis Kessler, Chairman and CEO of SCOR, comments: *“The SCOR Actuarial Awards in 2016 reward young actuaries from across the world for their innovative work in risk analysis and management. This year marks the 20th anniversary of SCOR’s sponsorship of these awards, and consequently of its support for the development of actuarial science and the promotion of new talent on the global insurance and reinsurance market. The awards bear witness to SCOR’s commitment to research, and are fully in line with the work of the SCOR Corporate Foundation for Science.”*

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Presentation of the SCOR 2016 Actuarial Awards

- **On 7 October in Stockholm, Sweden**, Svein Børre Solvang, CEO of SCOR Sweden Re, Simon Pearson, Deputy CEO of SCOR Global Life and Gunnar Andersson, Chairman of the Swedish Institute of Actuaries, awarded the Swedish prize during the annual SCOR Sweden Re conference. The prize was awarded to **Tove Brickner**, an actuary at Lansforsakringar, for her thesis titled *Prissättning av delkaskoförsäkring - en metodjämförelse* ("Pricing of Partial Cover Car Insurance - a method comparison").
- **On 14 November in Cologne, Germany**, Frieder Knüpling, Chief Risk Officer of SCOR, presented the Actuarial Awards for Germany to **Daniela Selch** of the Technical University of Munich, for her dissertation titled: *Ein multivariater Cox Prozess mit zeitgleichen Sprüngen und seine Anwendung in der aktuariellen Modellbildung* ("A multivariate Cox process with simultaneous jump arrivals and its application in insurance modelling") (first prize), to **Jochen Wieland** of Ulm University, for his dissertation titled *Product Design and Capital Efficiency in Participating Life Insurance under Risk Based Solvency Frameworks* (second prize), and to **Maria Kiseleva** of the Zittau/Görlitz University of Applied Sciences, for her thesis titled: *Analyse eines zweistufigen, regionalen Clusteralgorithmus am Beispiel der Verbundenen Wohngebäudeversicherung* ("Analysis of a two-stage, regional clustering algorithm using the example of homeowners' comprehensive insurance") (third prize).
- **On 16 November in Madrid, Spain**, Gregorio Gil de Rozas, President of the Spanish Actuarial Institute, and Anne-Marie Cical, Chief Underwriting Officer of SCOR Global P&C Treaties for France, Belux and the Iberian Peninsula, presented the Actuarial Awards for Spain. The first prize went to a team of four researchers: **Jean-Philippe Boucher** and **Steven Coté** of the Université du Québec à Montréal (UQAM), and Montserrat Guillén and Ana María Pérez-Marín of the University of Barcelona, for their joint dissertation titled *La revolución telemática: ¿cómo se tarifica el seguro por kilómetro?* ("Telematics revolution: how does insurance underwrite by kilometer?"). The second prize went to **Jorge Luís Andrade Cifuentes** of the Carlos III University in Madrid, for his dissertation titled *Valoración neutral al riesgo de opciones y garantías en contratos de seguros de vida con modelos de tipos de interés estocásticos* ("Neutral Assessment of the risk of options and guarantees in life Insurance treaties with stochastic interest rates models").
- **On 22 November in London, UK**, Denis Kessler and Chris Daykin, former head of the UK Government Actuary's Department (GAD), presented the UK Actuarial Awards to **Valentin Erismann** of Heriot Watt University, Edinburgh, for his dissertation titled *Confidence Intervals for Extreme Quantile Estimates using Extreme Value Theory*, and to **Chen Yongqing** of the Cass Business School, City University London, for her dissertation titled *Joint Mortality Modelling and Projection of six Subpopulations in the UK under a 2-tier Coherent Framework*.
- **On 1 December in Paris, France**, Denis Kessler, Chairman & CEO of SCOR, and Eric Lecoeur, Group Chief Actuary (representing André Lévy-Lang, President of the jury), presented the actuarial awards for France, in conjunction with the French Institute of Actuaries. **Alexandre Boumezoued** of the Pierre and Marie Curie University in Paris received the Young Doctors' prize for his thesis titled *Approches micro-macro des dynamiques de populations*

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hétérogènes structurées par âge. Application aux processus auto-excitants et à la démographie (“Micro-macro analysis of heterogenous age-structured populations dynamics. Application to self-exciting processes and demography”). **Samir Itji**, of the Centre d’Etudes Actuarielles (CEA), received the Young Actuaries’ prize his dissertation titled *Prévoyance collective : Les provisions d’égalisation contractuelles en normes prudentielles Solvabilité 2* (“Group protection: Contractual equalisation reserves under Solvency 2 prudential standards”).

- **On 14 December in Milan, Italy**, Professor Nino Savelli of the Università Cattolica, Milan, Umberto Gavazzi, Chief Underwriting Officer Treaty P&C Worldwide, and Alessandra Zorza, Life Underwriting Manager, presented the Italian awards. These went to **Edoardo Glauco Luini**, of the Università Cattolica, Milan, for his dissertation titled *La determinazione del requisito di capitale del Non-Life Underwriting Risk mediante l’approccio USP* (“Calculation of Non-Life Underwriting Risk SCR with the USP approach”) and to **Marco Tumia** of the University of Trieste, for his dissertation titled *Il processo FLAOR in una compagnia vita di ramo III: proiezione di bilancio e analisi di scenario* (“The FLAOR process for a 3rd Branch Life Company: accounts projections and scenario analysis”).

To consult all of the award-winning dissertations and theses, go to the SCOR website pages devoted to the Group’s support for actuarial science: <http://www.scor.com/en/careers/actuarial-prize/library-of-prizes.html>.

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Please refer to the 2015 reference document filed on 4 March 2016 under number D.16-0108 with the French Autorité des marchés financiers (AMF) posted on SCOR's website www.scor.com (the "Document de Référence"), for a description of certain important factors, risks and uncertainties that may affect the business of the SCOR Group. As a result of the extreme and unprecedented volatility and disruption of the current global financial crisis, SCOR is exposed to significant financial, capital market and other risks, including movements in interest rates, credit spreads, equity prices, and currency movements, changes in rating agency policies or practices, and the lowering or loss of financial strength or other ratings.

The Group's financial information is prepared on the basis of IFRS and interpretations issued and approved by the European Union. This financial information does not constitute a set of financial statements for an interim period as defined by IAS 34 "Interim Financial Reporting".