

## **Topics of IMIA Working Group Papers 1984 – 2023**

### **2023 Singapore (WGP 130 – 132)**

- IMIA working Group WGP 130 (23) Development of a code for claims classification in the engineering insurance industry
- IMIA working Group WGP 131 (23) Floating technology for Renewable Energy
- IMIA working Group WGP 132 (23) Risks associated with recent developments in nuclear power

### **2022 Dublin (WGP 126 – 129)**

- Coating failures
- Insuring hydrogen infrastructure – construction and operation
- Risks associated with the reduced heavy manufacturing capability
- Mass timber and wood framed structures, risk assessment and underwriting principles

### **2021 Virtual (WGP 122 – 125)**

- Risks associated with 3D printed structures
- Landslides causes and risks
- Modular Construction
- Non-damage Business interruption and Delay in Start Up

### **2020 Virtual (WGP 118 – 121)**

- Cladding for buildings
- Improving trends in Construction Risk Management – where next? - TBC
- Climate Change Impacts on Engineering Insurance – TBC
- Risks associated with new materials – Webinar 8<sup>th</sup> Dec 2020

### **2019 Vienna (WGP 112 – 117)**

- Battery Storage
- Cover for Existing Property
- Underground Exposures for Hydroelectric Plants
- Construction to Operational Insurance
- Best practice in presentation of Engineering Risks to Underwriters

### **2018 Singapore (WGP 106 – 111)**

- Construction in Mountainous Areas
- Offshore Oil & Gas Platforms
- Construction and Operation of Scientific Instruments
- Electric Failures not associated with Natural Perils
- Aeging Plant and Maintenance

**2017 Munich, Germany (WGP 101 - 105)**

- Waste to Energy
- Rolling Stock
- Diesel Engines
- Inconsistent Insurance and Reinsurance
- Adequacy of Sum Insured

**2016 Doha, Qatar (WGP 95 - 100)**

- Support for Excavations
- Natural Catastrophe Modelling for Construction Risks
- Cyber Risks
- Construction Plant and Equipment
- Cost Overrun in Construction Projects
- Supercritical Boilers

**2015 Merida, Mexico**

- SRCC - Strike, Riot, Civil Commotion
- Combined Cycle Power Plants revisited
- Claims Protocol, Best Practice
- Construction of Stadiums

**2014 Cannes, France (WGP 84 – 89)**

- Solar Thermal Power Plants
- Biomass plants
- Change of risk landscape by Smart Grids
- Access roads in project insurance
- Holistic covers in Engineering insurance
- Corporate Social Responsibility for Engineering Underwriters and impact on Engineering Insurance

**2013 New Delhi, India (WGP 79 – 83)**

- Understanding project programmes and schedule monitoring for DSU/ALOP covers
- Formwork and scaffolding collapses
- Annual construction policies
- Testing of Engineering Projects following construction
- How Engineering Insurers can help reducing loss

**2012 Rio de Janeiro (WGP 74 – 78)**

- Power Purchase Agreements
- Development, Construction and Insurance of new Nuclear Power Plant Projects
- Modern Skyscraper Construction
- Cover of Entrepreneurial Risks
- The Effect of adverse Weather on Construction Sites

**2011 Amsterdam (WGP 70 – 73)**

- Construction and operational covers for photovoltaic parks

- Jurisdiction of Engineering Insurance Policies - The underestimated risk
- CECR - Specifics of cover and experience made
- Reserving (IBNR etc.) – how to correctly reserve an Engineering portfolio with specific characteristics (MB, CAR; EAR, durations, type of cover, LR, etc.)

#### **2010 Berlin (WGP 65 – 69)**

- Construction of Petrochemical, oil & gas processing projects: Risks and Insurance
- Engineering Insurance: Issues related to Inland Transit coverage
- Engineering claims issues related to fast developing technology
- Project Insurance involving second hand plants / equipment
- Construction of Transmission and Distribution Lines

#### **2009 Istanbul (WGP 60 – 64)**

- Tunnel boring machines
- Mining Industry - Engineering Insurance exposure
- New challenges for Wind Energy
- Risk Control and Claims Handling in Advance Loss of Profits Insurance (ALoP)
- Combustion turbines: critical losses and trends

#### **2008 Gleneagles (WGP 55 – 59)**

- Bridges – Construction, Insurance and Risk Management
- CO2 Free Coal Combustion Technology – Influence on Insurance
- Desalination Plants – Technological development, Risks affecting Engineering Insurers and Claims Experience
- Deregulated Electricity Markets: Engineering Insurance BI Exposures related to Construction and Operation of Power Generation Plants
- Contingent BI in Engineering Insurance - relevant Risk & Underwriting Considerations

#### **2007 Tokyo (WGP 50 – 54)**

- Water Distribution Systems in Buildings during Construction
- Rehabilitation Works and High Coverage Limits for Existing
- Emerging Technologies: Insuring what has not been insured before
- Revamping and modernisation of machinery and equipment
- Engineering Insurance Exposure related to Wet Risks

#### **2006 Boston (WGP 45 – 49)**

- Hazards in paper and pulp industries - from an engineering insurance perspective
- ALOP/DSU coverage for tunnelling risks?
- Break & Review
- Engineering Insurance Exposures related to the Construction of Roads
- Engineering Insurance of Offshore Wind Turbines

#### **2005 Moscow (WGP 39 – 44)**

- Design Exclusion Wordings and Physical Loss or Damage
- Theft of Constructional Plant

- Maintenance and Overhaul of Steam Turbines
- Engineering Exposure related to Aluminium Production
- EAR & CAR - Third Party Liability - Existing and Surrounding Property
- Steel Plants (part two): Loss Prevention Aspects

#### **2004 Rome (WGP 34 -38)**

- Monitoring of Large CAR/EAR Projects
- Maintaining technical expertise in the insurance/reinsurance industry
- Steel Plants - Risk exposure and claims experience (part 1)
- Impact of increasing Natural Hazards on Engineering Insurance
- Insuring Utility Interruption - a global view

#### **2003 Stockholm (WGP 27 – 33)**

- Analysis of Transformer Failures
- High Speed Railway Construction Projects
- Micro Gas Turbines, Risks and Markets
- Construction and Operation of Hydro Power Dams and Plants
- Forensic Investigation of Engineering Claims
- Risk Management approaches in CAR/EAR Projects
- Mold - Risk for Engineering Insurers?

#### **2002 Rüschlikon (WGP 19 – 26)**

- Update on Insurance of Wind Turbines IMIA
- Extension of the Period for Delay in Start Up Cover (DSU)
- Machinery Breakdown Risks of Nuclear Power Plants
- Telecommunications & e-Commerce - Global Exposures
- Use of Non-Destructive Testing (NDT) in Engineering Insurance
- The Pulp & Paper Industry - Technical Developments and Loss Experience
- Experience with Integrated Gasification Combined Cycle Power Projects (IGCC)
- PML Assessment of Civil Engineering Projects

#### **2001 Sydney (WGP 14 – 16, 18)**

- Inherent Defect Insurance
- The Role of the Engineer in the future of Engineering Insurance
- Risks associated with the Construction and Operation of Environmental Plant and Equipment
- Tunnel Boring Machine (TBM) applications in soft ground conditions

#### **2000 Munich (WGP 8 - 13)**

- Human Factors in Engineering Risk
- Insurance of BOT Projects, Opportunities and Challenges (Update)
- New Engineering Insurance Projects
- Risk Control and Claims Handling in Advance Loss of Profits Insurance
- UK Internet and Intranet - Exposures and Insurable Interest
- Large Gas Turbines - the Insurance Aspects (Update)

#### **1999 Versailles (WGP 1 – 5)**

- Claims arising from Year 2000 Date Recognition Failures
- Insurance for Semiconductor Plants during Construction and Operation
- Managing Risk - Construction Insurance

- Catastrophe Modelling for CAR/EAR Risks
- Insurance of Wind Turbines

#### **1998 Interlaken**

- Gas Turbines - Continuous Trend Towards Higher Performance - the Insurance Aspects
- Hydro Electric Power, Technical and Insurance Development
- Defects Liability Cover - Construction Insurance
- Engineering Exposures in Property All Risks Cover
- The Year 2000; Responding to the Challenges

#### **1997 Sun City**

- Risk Based Management for Equipment Reliability
- Insurance of BOT Projects, Opportunities and Challenges
- Insurance of Lender's Interest in Engineering Insurance
- Stress Corrosion Cracking in Engineering Insurance
- Fatigue Failures in Engineering Insurance
- Understanding the Connection Between Business Interruption & Reengineering
- Waste Incineration (Update)

#### **1996 Washington, D.C.**

- Environmental Pollution Risks and CAR/EAR Insurances
- New Developments in Advance Loss of Profits (ALOP)
- Design for Earthquake and Wind
- Failure of Large Oil Cooled Transformers

#### **1995 Helsinki**

- Waste Incineration Statistics
- Potential Impact of aging Plant and Equipment on MI and BI Insurance
- Political Risks in Engineering Insurance
- Tunnel Projects and Tunnelling Works
- Widespread Computer Dependency affects us all. Are Insurers up to the Challenge?

#### **1994 Auchterarder**

- Natural Hazards and Engineering Insurance
- The Broker's Role in Engineering Insurance
- Performance Guarantee
- Fire Prevention for EAR and CAR
- Waste incineration

#### **1993 Madrid**

- Gas Turbines
- World-wide status of Industrial All Risks covers (including Engineering lines) – assessment, administration, claim's handling
- Advance Loss of <Profits Insurance
- New Aspects of PML estimation in CAR and EAR insurance taking into account latest claims experience
- Waste Incinerators (Underwriting and Technical Aspects)

### **1992 Munich**

- Has the Engineering Insurer anything to offer to his client that the Fire Insurer cannot offer more cheaply and more efficiently?
- Guarantee Insurance
- Fire Safety Standards on major Projects
- The Influence of Captives on Technical Risks Insurance
- Update on the Channel Tunnel

### **1991 Moscow**

- Loss of Profit Risks
- Relative Profitability of CAR/EAR insurance regarding:
  - o Premium and deductible adequacy
  - o Scope of cover
  - o Cause of loss
- Electronic Equipment Insurance 1990, world-wide status
- The Effect of the European Community Freedom of Service Legislation of Marketing, Underwriting, Profitability etc.
- Experience with Flue Gas Cleaning Plants
- Update on the Channel Tunnel

### **1990 Toronto**

- Insurance of Power Generating Facilities
- Presentation on Channel Tunnel Progress
- Advantages and Disadvantages of All Risks-Policies from the Engineering Insurer's point of view
- Engineering Insurance of High Performance and High-Tech Prototypes with special concern to their life cycle Update on Repair Techniques, such as Metal stitching, Plastic
- Welding, etc.

### **1989 Copenhagen**

- Demonstration of an Expert System for the Quotation of Technical Risks
- Gas Turbines and Cogeneration
- Environmental Pollution and Contamination Risks – Impact on Engineering Insurances
- Boundaries of Liability and Engineering Insurance – Part E
- Use of Computerised Decision Support Systems
- Software Virus – Implications for Engineering Insurers
- Concern with and problems experienced by Lack of Validation Techniques for Software Design
- Space Risks: Satellite and Associated Interests insurance; some Basic Technical Considerations
- Risk Management in Oil Fields in the North Sea

### **1988 Noordwijk aan Zee**

- Land Pipelines Insurance
- Decennial Insurance Engineering Aspects of Renewable Energy Sources
- Engineering Insurances -Boundaries with other Branches

### **Part C: Delimitation with respect to Marine Insurance Future Engineering Insurance Products**

- Machinery Equipment Lifetime -Influence on the Underwriting Practice in Engineering Insurances Presentation of the European Space Technology Centre (ESTEC)

**1987 Rome**

- Engineering Insurances -Boundaries to other Branches

**Part B: Fire and Engineering Insurances**

- Problems of stress corrosion cracking in Engineering Insurances
- Bridge Construction Insurance
- Marketing of Engineering Insurances in IMIA countries
- “Expert –Systems” for Claims Handling
- Insurance of Software (incl. Reinstatement of DATA)
- CAD/CAM/CIM in Modern Industrial Processes

**1986 Tokyo**

- Design Cover in CAR/EAR insurance
- Insuring computer-controlled plants
- Engineering Insurance -boundaries to other branches
- Part A: Space and Erection All Risks insurance
- Development in pollution control equipment and insurance aspects
- The importance of natural perils in Engineering insurance
- Earthquake prediction

**1985 Salzburg, Austria**

- The Future of Engineering Insurances in a Changing World

**1984 San Francisco, USA**

- Current Development in Computer insurance
- Natural Hazards
- Fire Loss Prevention in CAR / EAR

No older records available (as at Dec 2016)