

# **SSARS 2008**

## **2<sup>nd</sup> Summer Safety and Reliability Seminars**

### **Summary**

The Second edition of the Summer Safety and Reliability Seminars – SSARS 2008 was held in the Hotel “Dwór Prawdzica” in Gdańsk/Sopot-Jelitkowo from 22<sup>nd</sup> of June 2008 until 28<sup>th</sup> of June 2008.

The motivation behind this annual event is to provide a forum for discussing, advancing and developing methods for the safety and reliability analysis of the complex systems and processes, which form the backbone of our modern societies. The subjects of the Seminars are chosen each year by a Programme Board of selected experts in an effort to dynamically represent the methodological advancements developed to meet the newly arising challenges in the field of safety and reliability analysis.

This year the following subjects were chosen:

- Maintenance Modelling and Optimisation;
- Modern Methods of Risk Analysis;
- Modelling Safety and Reliability of Complex Systems and Processes;
- Multi-State Safety and Reliability Models.

The Advisory, Editorial and Organising Boards have carried the preliminary evaluation of the 52 contributions selected for this year Seminars and sent out to the authors recommendations improving their work. In all, 47 of the 52 papers and lectures have been published in the Seminars Proceedings, composed of 2 Volumes of around 200 pages each.

The Seminar was attended by 48 participants and 5 accompanying persons from 12 countries (China, Czech Republic, France, Germany, Greece, Italy, Norway, Poland, Singapore, South Africa, Spain, United States).

Both 1 hour lectures on advanced methods (accompanied by a corresponding full text of up to 12 pages) and 20-minutes papers (with corresponding full text of up to 8 pages) were offered during the plenary sessions and the seminar sessions, respectively. More precisely, 1 keynote speech, 10 plenary lectures and 37 seminar papers were presented. Additionally, two Educational and Training Courses (Markov Processes Applications in Safety and Reliability Modeling – Course I, Monte Carlo Simulation for System Safety and Reliability Modeling – Course II) were offered and one ongoing research project (Safety and Reliability of Complex Industrial Systems and Processes) was presented as well.

Attendance diplomas were given to the Seminars and Educational Courses participants in appreciation of their activity.

A major initiative during the Seminars was the development of informal discussion sessions during which suggestions on improvements of the works presented were offered to the authors by experienced researchers, with the aim of advancing the works to the scientific quality and relevance necessary for publication in frontier research journals.

Several special events were organised to foster a team spirit among the Seminar participants (Welcome Party, Picnic and Dancing, Visiting Malbork Castle, Farewell Dinner).

At the end of the Seminars, during the Farewell Dinner, the participants were asked to evaluate the event with respect to its scientific contents, location and logistics. The results of this evaluation could be summarised that the SSARS 2008 was a **great youthful success**.

**Our final comment is:**

**“We feel obliged to continue developing this Seminars series, with great personal pleasure and professional honour and counting on all dedicated contributors for their significant and expert help”.**

**More details on SSARS 2008 may be found on the Website:  
<http://ssars2008.am.gdynia.pl>**

**The 3<sup>rd</sup> Summer Safety and Reliability Seminars – SSARS 2009 will be held in Gdansk/Sopot-Jelitkowo in July 05-11, 2009.**

**Details on SSARS 2009 may be found on the Website (under construction):  
<http://ssars2009.am.gdynia.pl>**

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**Gdynia, 03.07.2008.**