

The annual one-week *Summer Safety and Reliability Seminars* are organised to advance the methods for the safety and reliability analysis of complex systems and processes and to disseminate the newest achievements in the field. The subjects of the Seminars, different from year to year, are chosen by the Seminars Boards in an effort to dynamically represent the methodological advancements developed to meet the newly arising challenges in the field of safety and reliability.

Contributions are in the form of 1-hour lectures on advanced methods (with corresponding full text of up to 12 pages) presented at Plenary Sessions and 20-minutes papers (with corresponding full text of up to 8 pages) presented at Seminar Sessions.

The written material of all accepted lectures and papers will be edited in the SSARS Proceedings series which is distributed to the participants as reference textbook.

Furthermore, contacts with the Editors of relevant scientific journals will be sought prior to the meeting, in order to foster the potential a posteriori publication of those research papers found of adequate quality. To this aim, potential improvements of the presented works will be pointed out and thoroughly discussed during the SSARS meeting.

Additionally, two educational and training courses will be offered each year on selected safety and reliability topics with practical applications and hands-on projects by the individual participants.

## Contributions

Authors are requested to submit their lectures and papers electronically to the Secretariat using the following e-mail address: [ssars2010@am.gdynia.pl](mailto:ssars2010@am.gdynia.pl)

The submitted contributions will be reviewed for acceptance by the members of the Editorial Board. Only those contributions prepared according to the Seminars Template available on the Website will be considered.

Attendance Diplomas and Certificates of Completion of the educational and training courses will be issued to the participants, with the possibility of recognition of 5-10 ECTS for PhD students.

## Boards

### Programme Board

- The Seminars Chairmen, responsible for selecting the annual Seminars' topics, lectures and educational and training courses.

### Advisory Board

- ESRA and PSRA representatives and selected journals editors.

### Editorial Board

- Members responsible for the selection of the contributions and for the preparation of the SSARS Proceedings.

### Invited Professors

- Members responsible for plenary lecturing, Seminars session chairing, identification of the potential improvements of the contributions and selection of those improved lectures and papers worthy of publication in scientific journals.

### Speakers

- Plenary Session Speakers
- Seminar Session Speakers
- Educational and Training Courses Lecturers

### Organising Board

- Members responsible for preparing and smoothly running the SSARS Meeting.

## Language

The Seminars language is English.

Participants are requested to fill in the Hotel Reservation and Seminar Fee Payment Form available on the Website and submit it to the Secretariat by April 30, 2010.

The SSARS Fee is expected to be about 850-900 € and to include Seminars Participation and Proceedings, Organised Social Events and Accommodation with Half-Board.

## Deadlines

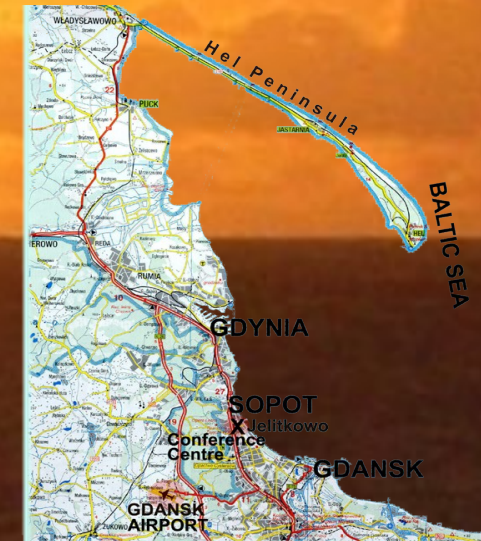
• Submission of Lectures & Papers	February 28, 2010
• Acceptance of Lectures & Papers	March 31, 2010
• Submission of Final Versions	April 30, 2010
• Submission of Registration Form	April 30, 2010
• Payment of SSARS Fees	April 30, 2010
• SSARS Meeting	June 20-26, 2010

## Dates & Location

The SSARS 2010 will be held on 20 – 26 June in Sopot, the "Summer Capital of Poland", a lovely seaside location at the Baltic Seaside, Poland.

The venue hotel is:

- „Dwór Prawdzica”  
[www.prawdzc.com.pl](http://www.prawdzc.com.pl)  
ul. Piastowska 198  
80-341 Gdańsk/Sopot-Jelitkowo, Poland  
e-mail: [prawdzic@prawdzic.com.pl](mailto:prawdzic@prawdzic.com.pl)



## First Announcement & Call for Contributions

# 4<sup>th</sup> Summer Safety & Reliability Seminars

## SSARS 2010

20-26 June 2010  
Gdańsk/Sopot, Poland

## Organisers

European Safety and  
Reliability Association  
Polish Safety and Reliability  
Association

## Secretariat

Maritime University  
Department of Mathematics  
ul. Morska 81-87  
81-225 Gdynia, Poland

e-mail: [ssars2010@am.gdynia.pl](mailto:ssars2010@am.gdynia.pl)

phone: + 48 58 6901587, fax: + 48 58 6206701

## Website

<http://ssars.am.gdynia.pl>

# SSARS 2010

## 4<sup>th</sup> Summer Safety & Reliability Seminars

June 20-26, 2010, Gdańsk/Sopot-Jelitkowo, Poland

### Seminar Boards

#### Programme Board

##### Chairmen

Krzysztof Kołowrocki, Gdynia Maritime University, Poland  
Enrico Zio, Polytechnic of Milan, Italy

##### Advisory Board

Robert A. Ainsworth, International Journal of Pressure Vessels and Piping  
John Andrews, Journal on Risk and Reliability  
Christophe Berenguer, European Safety and Reliability Association  
Alfred Brandowski, Polish Safety and Reliability Association  
Lucjan Gucma, Polish Safety and Reliability Association  
Napat Harnpornchai, International Journal of Materials and Structural Reliability  
Guoping P. Liu, International Journal of Automation and Computing  
Christian N. Madu, International Journal of Quality and Reliability Management  
Sebastian Martorell, European Safety and Reliability Association  
Krishna B. Misra, International Journal of Performability Engineering  
Hoang Pham, International Journal of Reliability, Quality and Safety Engineering  
Tadeusz Salamonowicz, Polish Safety and Reliability Association  
Annemarie Schmitt- Hannig, Independent Journal for Nuclear Engineering  
Janusz Szpytko, Exploitation Problems of Machines

#### Editorial Board

Terje Aven, Norway  
Piero Baraldi, Italy  
Christophe Berenguer, France  
Heinz-Peter Berg, Germany  
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Krzysztof Kołowrocki – Co-Editor in Chief, Poland  
Nikitas Nikitakos, Greece  
Tomasz Nowakowski, Poland  
Luca Podofillini, Switzerland  
Uwe Rakowsky, Germany

Joanna Soszyńska, Co-Editor in Chief, Poland  
David Valis, Czech Republic  
Wojciech Zamojski, Poland  
Enrico Zio, Co-Editor in Chief, Italy

#### Plenary Speakers & Seminar Session Chairmen (Topics)

##### Invited Professors (To be completed)

Terje Aven, (Methods of Risk Analysis)  
Heinz-Peter Berg, Bundesamt für Strahlenschutz, Germany, (Methods of Risk Analysis)  
Franciszek Grabski, Gdynia Naval University, Poland, (Safety and Reliability Modeling of Complex Systems and Processes)  
Mohamed Salahuddin Habibullah, Institute of High Performance Computing, Singapore, (Safety and Reliability Data Mining)  
Kazimierz Kosmowski, Gdansk University of Technology, Poland, (Human Factors in Safety and Reliability)  
Tomasz Nowakowski, Wroclaw University of Technology, Poland, (Maintenance Modeling and Optimization)  
Uwe Kay Rakowsky, University of Wupertal, and Vossloh Kiepe, Germany, (Safety and Reliability Modeling of Complex Systems and Processes)  
Christian Tanguy, Orange Labs, France, (Safety and Reliability Modeling of Complex Systems and Processes)  
David Valis, University of Defence, Czech Republic, (Safety and Reliability Modeling of Complex Systems and Processes)  
Min Xie, National University of Singapore, Singapore, (Safety and Reliability Modeling of Complex Systems and Processes)  
Enrico Zio, Polytechnic of Milan, Italy, (Maintenance Modeling and Optimization)

#### Seminar Session Speakers

##### Authors of Contributed Lectures and Papers

#### Educational & Training Courses Lecturers (Topics)

Heinz-Peter Berg, Bundesamt für Strahlenschutz, Germany, (Event Tree Analysis in Safety and Reliability)  
Franciszek Graski, Gdynia Naval University, Poland, (...)

#### Organising Board

Sambor Guze  
Joanna Soszyńska - Chair