

Insights and Lessons Learned

Pressing Issues, Emerging Ideas and
Future Challenges presented by
Young Generation Programme Participants

Young Generation Programme

- Bring together young scientists and researchers from different locations
- Bring together scientists and researchers from different generations
- Highlight the views of young generation on pressing issues, emerging ideas and future challenges



ESREL 2004, June 2004, Picture: J. Stumpe

ESREL 2004 & PSAM 7

- 600 presentations
- 160 sessions
- 11 parallel sessions per time
- 6 books with 3.700 pages
- Intensive discussions

ESREL 2004 & PSAM 7

- Medical and health
- Nuclear power stations
- Civil engineering
- Transport (cars, railway, ships, aviation)
- Information technology
- Food and chemical industry
- Insurance and finance
- Flooding and earthquakes...



Railway Station, Dresden, August 2002, Picture: H. Michler

ESREL 2004 & PSAM 7

- Boundless field of safety analysis
- View over the garden-fence
- Putting effort in people
- Meet people from different fields



Communication

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Communication

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- Communication is risk prevention!
- Communication is a shortcut to knowledge!
- Communication is a human need!
- Communication is a duty.



Education or learning is communication!

Communication

- We have learned a lot through making and seeing presentation.
- We had intensive discussions.
- We met people – building networks.



The conference has been a success.

Conclusions

- PSA has been successfully applied in many fields.
- There are many techniques and tools ready for application.
- But there are also still some technical gaps.
- There are still some questions of trustworthiness.

Where are we right now?

- PSA has been successfully applied in many fields.
- There are many techniques and tools ready for application .
- But there are also still some technical gaps.
- There are still some questions of trustworthiness.

What has to be done?

- Extend the fields of applications
- Still improve the models
- Group work (inter-discipline groups)
- Convince the decision maker
(politician, judge)
- Convince the public – going public

Where will we be in 50 years?

- Laws makers are risk informed.
- Social benefits are created on risk estimation.
- The president of the EU is an earlier risk expert.
- The state of the world is much better through risk estimations.

Last but not least

- Thanks to the organisers.
- Thanks to the audience who filled the conference with life.
- Thanks to experienced people, who have done a major job in preparing the field for PSA/Risk estimations.