

## FRONTAL COLLISIONS AND ROLLOVER ACCIDENTS OF BUSES

(Information on the joint APROSYS and APSN Workshops  
held in Prague, 23-24. 03.2005-04-06)

Transmitted by the expert from Hungary

1. Both workshops dealt with the passive safety questions of heavy vehicles, mainly with the:
  - accident statistics of trucks and buses, scientology
  - injury mechanisms running over pedestrians and bicyclists
  - aggeressivity of the front wall of heavy vehicles in frontal collisions including the underrun and running over accidents
  - enhanced safety of bus occupants in rollover and frontal collisions
  - development of standards and regulations
2. Experts were participating from 9 countries (Czech Republic, Germany, United Kingdom, Spain, Hungary, Slovenia, Netherlands, Austria and Sweden) The number of the participants were 23 on the first day (APROSYS Workshop) and 23 on the second day (APSN Workshop).
3. There were 9 presentations on the first day and 14 presentations on the second day, coming from universities, research institutes and also manufacturers (VOLVO, SKODA) and governmental organizations (Czech Republic, Hungary) were represented.
4. Most of the presentations - and the research work behind them – are closely related to the subjects being on the agenda of GRSG (frontal collision of buses including run over underrun type accidents, strength of bus superstructure), therefore these information could be interesting for the future work. Mr. S. VINCZE-PAP, (AUTÓKUT, HUNGARY) undertook the task to collect the presentation papers and those available in electronic format (CD) Further information may be get from him(tel: 36-1-2037633, fax: 36-1-2037635, e-mail: [vincze\\_pap@autokut.hu](mailto:vincze_pap@autokut.hu)). The presentations can also be found on the AUTOKUT web-site: [www.autokut.hu](http://www.autokut.hu)

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