

SILENCE Final Training Conference

REDUCING TRANSPORT NOISE IN URBAN AREAS

WEDNESDAY 28 MAY 2008

Chairman: Alexander Holleis, AVL-List

10.30 Registration and Welcome Coffee

11.15 Welcome by representative of BAST

11.25 Recognising the problem: the impact of noise on the citizen

Barbara Griefahn, IFADO

11.45 Overview of the SILENCE project

Franz Brandl, SILENCE Coordinator, AVL-List

A questionnaire will be circulated among participants to consult them on what they consider to be the most important challenges and needs for future transport noise research.

12.30 Lunch – Visit to SILENCE exhibition

13.30 Urban transport noise abatement: Challenges for the future

Road Vehicles – Eugene Nijman, Centro Ricerche Fiat

Tyres – Ernst-Ulrich Saemann, Continental

Road Surface – Hans Bendtsen, DRI

Rail – Pierre-Etienne Gautier, SNCF

City Planning & Traffic Management – Melanie Kloth, Polis; Lars Ellebjerg, DRI

15.15 Coffee break – Visit to SILENCE exhibition

15.45 Summary of participants' survey results on challenges and needs for future transport noise research

16.00 Stakeholders debate on urban transport noise abatement

Moderator: Manuel Battista, Route One Publishing

Panellists: Franz Brandl – AVL-List, Paul De Vos – DHV, Steve Crawshaw – Bristol City Council, Siv Leth – Bombardier, Ivo Vanek – National Noise Observatory Czech Republic, Claude Contet – Renault, Klaus-Peter Glaeser – BAST

17.30 Conclusions

17.45 Cocktail – Visit to SILENCE exhibition

THURSDAY 29 MAY 2008

09.30 Parallel Sessions

Session 1: Local noise action plans – action planning process and noise abatement measures

Who should attend? Public authorities, public transport operators, consultants

Topics: presentation of SILENCE guidelines for local noise action plans, with practical examples of possible noise abatement measures (e.g. traffic management) and concrete cases from SILENCE cities

At 12.30 there will be a visit to the BAsT drum facility for those participants of session 1, who do not attend session 4.2 in the afternoon.

Session 2: Modelling the pass-by noise of cars and trains

Who should attend? Manufacturers/industry, engineers, railway operators

Topics: presentation and explanation of the SILENCE modelling tool, including guidance on how to define sources and examples of how to develop solutions and possibility to try out the tool

Including visit to BAsT drum facility

10.45 Coffee Break – Visit to SILENCE exhibition

11.15 Parallel Sessions (Continued)

Session 1: Local noise action plans (Continued)

Session 2: Modelling the pass-by noise of cars and trains (Continued)

12.45 Lunch – Visit to SILENCE exhibition

13.45 Parallel Sessions

Session 3: How to reduce rail transport noise?

Who should attend? Railway operators, manufacturers/industry, engineers

Topics: SILENCE innovations on noise reduction techniques for rail vehicles and rail infrastructure

Session 4: How to reduce road transport noise? Divided into:

Session 4.1: Technological innovations for road transport noise

Who should attend? Industry, engineers, road operators

Topics: noise reduction techniques for road-tyre interaction, reduction of road vehicle noise

Session 4.2: Managing quieter road transport

Who should attend? Road operators, transport operators, public authorities

Topics: noise classification of urban road surfaces, development of novel road surfaces, maintenance methods for quieter road surfaces, noise reduction potential of traffic management, roadside monitoring systems for vehicle noise emissions, driver assistance systems

Including visit to BAsT drum facility

15.00 Coffee break – Visit to SILENCE exhibition

15.30 Parallel Sessions (Continued)

Session 3: How to reduce rail transport noise? (Continued)

Session 4.1: Technological innovations for road transport noise (Continued)

Session 4.2: Managing quieter road transport (Continued)

16.45 End of the conference