

14 MIEDZYNARODOWA KONFERENCJA ZWALCZANIA HAŁASU
14TH INTERNATIONAL CONFERENCE ON NOISE CONTROL
3-6 czerwca 2007 r. • 3-6 JUNE 2007, Elbląg
Program • Programme

Niedziela, 3 czerwca 2007 • Sunday, 3 June 2007

- 11.00 – 19.00 Rejestracja uczestników • Registration of participants
- 13.30 – 19.00 Wycieczka do Fromborka • A sightseeing tour of Frombork
- 19.30 – 23.30 Kolacja przy ognisku • Dinner by a bonfire

Poniedziałek, 4 czerwca 2007 • Monday, 4 June 2007

- 7.00 – 9.00 Śniadanie • Breakfast
- 9.00 – 10.00 Uroczyste otwarcie Konferencji • Opening ceremony
- 10.00 – 11.00 Sala A • Room A
Referaty plenarne • Plenary papers

- 10.00 – 10.30 **Zbigniew Engel**
Prof. Stefan Czarnecki
- 10.30 – 11.00 **Stefan Weyna**
Acoustic energy distribution in space around the pipe outlet

- 11.00 – 11.15 Przerwa na kawę • Coffee break
- 11.15 – 12.15 Referaty plenarne • Plenary papers

- 11.15 – 11.45 **Pierre Canetto**
Analysis of sources for structure-borne noise
- 11.45 – 12.15 **Jan Kiciński**
Microturbines in dispersed cogeneration – vibroacoustic threats

- 12.15 – 12.30 Przerwa na kawę • Coffee break

12.30 – 13.30 Referaty sekcyjne • [Session papers](#)

Sala A • Room A	Sala B • Room B
<u>Drgania Mechaniczne</u> • Vibration	<u>Metody aktywne</u> • Active Noise Control
12.30 Wojciech Batko, Robert Barański <i>Hand vibration - operator's palm clamp effect</i>	12.30 Andrzej Gołaś, Wojciech Ciesielka <i>Active noise reduction system</i>
12.50 Piotr Kowalski <i>Vibration and noise in road vehicles</i>	12.50 Marek Szary <i>Noise and vibration control of a mechanical systems using nonlinear rheological fluid model</i>
13.10 Janusz Szopa <i>Test stands and measurement method of vibration energy in human hand-arm system</i>	13.10 Paweł Górski <i>Applications of sensitivity analysis in testing of active noise reduction systems</i>

13.30 – 14.30 Obiad • [Lunch](#)

14.30 – 17.30 Referaty sekcyjne • [Session papers](#)

Sala A • Room A	Sala B • Room B
<u>Hałas środowiskowy</u> • Environmental Noise (1)	<u>Prezentacje Wystawców</u> • Exhibitors' Presentations
14.30 Jacek Engel, Krzysztof Kosala <i>Sources of vibroacoustic hazards in open-pit mines of mineral raw materials</i>	14.30 Brüel&Kjaer Sp. z o.o.
14.50 Barbara Rudno-Rudzińska <i>Measurements of exposure sound level L_{AE} generated by passing vehicles for different road surface types</i>	14.50 SVANTEK
15.10 Krishan Kumar, Tyagi Vikrant, Jain Vinod Kumar <i>Attenuation of road traffic noise by a vegetation belt of <i>Lantana camara</i> in Dehradun, India</i>	15.10 SONOPAN
15.30 Verma Sanyogita, Krishan Kumar, V.K. Jain <i>Community annoyance from aircraft induced noise in Delhi</i>	15.30 BACOU-DALLOZ
15.50 Anna Taras, Radosław Kucharski <i>Impact of weather conditions on the sound levels – pilot tests</i>	15.50 PC++SOFTWARE STUDIO

16.10 Aneta Augustyn <i>Analysis of impact load and technical condition on acoustic field distribution in an environment</i>	16.10 OTORIA PHU
16.30 Radosław Kucharski <i>Complex noise indicator for noise mapping based on the EU working groups' and Polish results of the annoyance investigations</i>	16.30 WIBRO – AKUSTYKA WAF
	16.50 MAAD
	17.10 CIOP-PIB

17.30 – 17.45 Przerwa na kawę • **Coffee break**

17.45 – 19.25 Referaty sekcyjne • **Session papers**

Sala A • Room A

Sala B • Room B

<u>Hałas maszyn i urządzeń</u> • <u>Machinery Noise</u>	<u>Infra i ultradźwięki</u> • <u>Infrasonic and ultrasonic noise</u>
17.45 Krzysztof Kowalik <i>The role of the National Labour Inspectorate in the implementation of the new directive noise</i>	17.45 Anna Kaczmarska-Kozłowska, Anna Łuczak <i>Analysis of annoyance of low-frequency noise - tests in laboratory conditions</i>
18.05 Wojciech Łapka, Czesław Cempel <i>Noise reduction of spiral ducts</i>	18.05 Małgorzata Pawlaczyk-Łuszczynska, Adam Dudarewicz, Mariola Śliwińska-Kowalska <i>Proposals of exposure criteria for the assessment of low frequency noise at workplaces in industrial control rooms and office-like areas</i>
18.25 Dariusz Pleban <i>Acoustic modelling of machines using the inversion method for the purposes of the acoustic assessment of machines</i>	18.25 Anna Kaczmarska-Kozłowska, Danuta Augustyńska, Andrzej Wierzejski <i>Infrasonic noise at workstation of drivers of road vehicles-assessment of exposure</i>
18.45 Lesław Stryczniewicz <i>Localization of areas of increased vibroactivity by means of the inverse method</i>	18.45 Witold Mikulski, Bożena Smagowska <i>The preliminary survey method of identification of ultrasonic sources based on the results of questionnaire</i>

19.05 Wiesław Fiebig <i>Noise sources location in fluid power machines</i>	19.05 Małgorzata Pawlaczyk-Łuszczyńska, Adam Dudarewicz, Mariola Śliwińska-Kowalska <i>Theoretical predictions and actual hearing loss in workers exposed to ultrasonic noise of impulse character - a pilot study</i>
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20.30 Uroczysta kolacja • **Banquet**

Wtorek, 5 czerwca 2007 • Tuesday, 5 June 2007

6.30 – 7.30 Śniadanie • **Breakfast**

7.30 – 14.00 Rejs Kanałem Ostródzko-Elbląskim • **A cruise on the Kanał Ostródzko-Elbląski**

14.00 – 15.00 Obiad • **Lunch**

15.00 – 16.00 Sala A • **Room A**
Referaty plenarne • **Plenary papers**

15.00 – 15.30	Janusz Kompała, Adam Lipowczan <i>Noise hazard to the population of areas connected with functioning of roadway frontier crossings</i>
15.30 – 16.00	Diana Popescu <i>Noise mapping in Romania under the framework of EU directive 2002/49/EC</i>

16.00 – 16.15 Przerwa na kawę • **Coffee break**

16.15 – 18.15 Referaty sekcyjne • **Session papers**

Sala A • Room A

Sala B • Room B

<u>Pomiary, analiza • Measurements and Analysis</u>	<u>Wpływ hałasu i drgań • The Effect of Noise and Vibration on Human</u>
16.15 Antoni Śliwiński, Marek Birnbach, Stefan Zachara <i>Sound absorption properties of helmholtz resonators of perforated double plates inlet necks modified by geometrical configuration variations</i>	16.15 Andrzej Czyżewski, Józef Kotus, Bożena Kostek <i>Determining the noise impact on hearing using psychoacoustical noise dosimeter</i>

16.35	Wojciech Rdzanek Jr., K. Szemela Reduction of the sound power radiated by a two pistons system located near the three-wall corner	16.35	Zbigniew Engel, Maciej Klaczyński, Wiesław Wszolek <i>Vibroacoustics models of the selected human larynx diseases</i>
16.55	Krzysztof Rudno-Rudziński <i>Noise exposure of orchestra members measurement uncertainty related to sampling</i>	16.55	Ewa Zamysłowska-Szmytko, Piotr Kotyło, Marek Bąk, Adrian Fluente, Mariola Śliwińska-Kowalska <i>Hearing loss in workers exposed to different type of noise</i>
17.15	Grażyna Wszolek <i>Problems of all-weather microphones calibrations in real free-field conditions</i>	17.15	Adrian Fuente, Bradley McPherson <i>Central auditory damage induced by solvent exposure</i>
17.35	Marek Pierchała <i>Analysis of impact of load and technical condition of noise sources on distribution of acoustic field in power stations</i>	17.35	Adam Dudarewicz, Małgorzata Pawlaczyk-Łuszczynska, Mariola Śliwińska-Kowalska <i>An optimal method of assessment the individual susceptibility to noise-induced hearing loss</i>
17.55	Tadeusz Wszolek, Maciej Klaczyński <i>Accuracy of sound level assessment from impulse sources at distant locations</i>	17.55	Etbin Tratnik <i>Interactive web tool for awareness rising regarding exposure to noise</i>
18.15	Jacek Szulczyk, Wojciech Łapka <i>An example of a noise reduction inside the delivery vehicle</i>	18.15	Emil Rajčan <i>33rd International Acoustical Conference – EAA Symposium ACOUSTICS 2006 as initial action demonstrating developing co-operation of scientists in framework of Visegrad Group</i>

19.00 Kolacja • Dinner

Środa, 6 czerwca 2007 • Wednesday, 6 June 2007

7.00 – 9.00 Śniadanie • **Breakfast**

9.00 – 10.00 Sala A
Referaty plenarne • **Plenary papers**

9.00 – 9.30 **Alain Mayer**
The assessment of the real protective properties of personal protective equipment and the representativeness of the test methods

9.30 – 10.00 **W.M. Zawieska, Wojciech P. Rdzanek**
The influence of a vibrating rectangular piston on the acoustic power radiated by a rectangular plate

10.10 – 10.50 Referaty sekcyjne • **Session papers**

Sala A • Room A

Sala B • Room B

<u>Hałas środowiskowy</u> • Environmental Noise (2)	<u>Akustyka budowlana</u> • Building Acoustics (1)
10.10 Barbara Rudno-Rudzińska <i>Noise protection of Wrocław's motorway ring-road</i>	10.10 Zbigniew Dąbrowski, Jacek Dziurdź, Grzegorz Klekot <i>Studies on propagation of vibroacoustic energy and its influence on structure vibration in a large-size object</i>
10.30 Ryszard Danecki <i>The long term, simultaneous road noise and road traffic monitoring. Measurements results analysis</i>	10.30 Marianna Mirowska <i>Noise in building – updated Polish Standards</i>

10.50 – 11.05 Przerwa na kawę • **Cooffee break**

11.05 – 11.50 Referaty sekcyjne • **Session papers**

<u>Środki ochrony indywidualnej</u> • Personal Protective Equipment	<u>Akustyka budowlana</u> • Building Acoustics (2)
11.05 Rafał Młyński, Emil Kozłowski, Jan Żera <i>Attenuation of noise by motorcycle safety helmets</i>	11.05 Bashir M. Suleiman <i>Sound and noise levels inside UOS lecture halls</i>

<p>11.25 Emil Kozłowski, Ewa Kotarbińska <i>Laboratory objective method for noise reduction measurements of ear-muffs</i></p> <p>11.45 Małgorzata Jędrzejewska, Dariusz Pleban <i>Cooperation of notified bodies under EU directives 89/686/EEC, 98/37/EC, 2000/14/EC on the national and European level</i></p> <p>12.05 Mateusz Bloch <i>The state-of-the-art solutions in individual hearing protection</i></p>	<p>11.25 Janusz Piechowicz <i>Determination of acoustic fields in industrial rooms</i></p> <p>11.45 Elżbieta Nowicka <i>The problem with assessment of acoustical climate of underground stations</i></p>
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13.00 – 13.30 Uroczyste zamknięcie Konferencji • **Closing ceremony**

14.00 Obiad • **Lunch**