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## euronoise

#### Coustics'08 Paris June 29-July 4, 2008 www.acoustics08-paris.org

## **EXHIBITOR'S CATALOG**



Official forwarder of the Conference:



www.eurooverseaslog.fr

Acoustics'08 Paris c/o SFA—Société Française d'Acoustique 23, avenue Brunetière—75017, Paris—France Phone : + 33 (0) 1 48 88 90 59—Mobile : + 33 (0) 6 37 88 39 79—fax : + 33 (0) 1 48 88 90 60 e-mail : acoustics08@laposte.net—sfa4@wanadoo.fr



### EDITORIAL

In December 2007, arrangements were made to welcome about two thousand participants to Acoustics'08 Paris. One could imagine our surprise on January 10th, when we received more than 3 500 abstracts (3 000 in one night)!

That is the Magic of Paris!

Thanks to the involvement of more than 500 colleagues from both sides of the Atlantic in organizing sessions and to the active support of the ASA, the EAA, the SFA and all the National Societies of Europe, Acoustics' 08 Paris is the largest conference on acoustics ever organized with an expected attendance of 4 500 delegates, 3 500 abstracts, 1 100 full papers and 60 exhibitors!

Many thanks are due to the individuals and institutions who have actively contributed to the success of this Conference. Thanks are also extended to the institutions and companies that helped, through their generous sponsorship, in achieving this success.

In particular, we note that more than one thousand students will attend the Conference. The large number of student participants emphasizes the great interest of future generations in the various disciplines of acoustics.

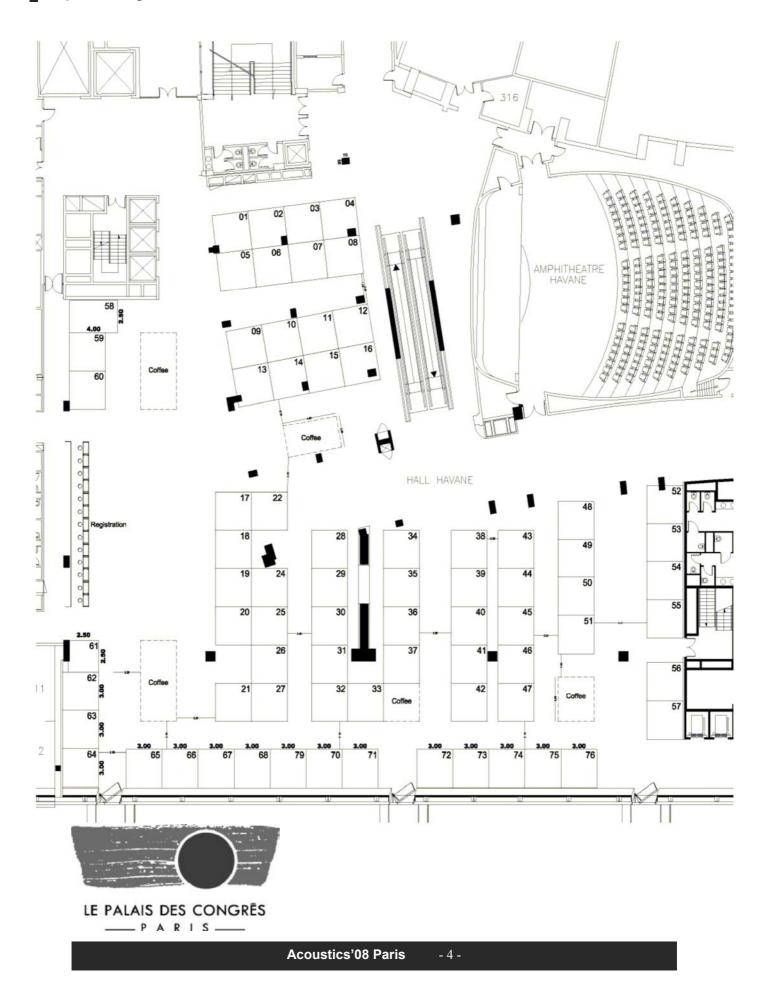
By bringing together six events in one location (154th Meeting of the Acoustical Society of America, 5th FORUM ACUSTICUM, 9th Congrès Français d'Acoustique, 7th EUROpean conference on NOISE control, 9th European Conference on Underwater Acoustics and the 60<sup>th</sup> anniversary of the Société Française d'Acoustique), Acoustics' 08 Paris is a fantastic platform of exchange—gathering about a fourth of the world's acousticians.

We hope that you will have a nice stay in Paris and many fruitful exchanges and discussions.

Bienvenue à Paris.

The Organizing and Technical Committees

## Map showing exhibitor's booths

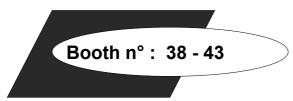


## Exhibitors list

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### Name: 01dB-Metravib

A subsidiary of the AREVA Group, the French company 01dB-Metravib, expert in acoustics and vibration, has established itself in more than 40 countries worldwide, in particular through four subsidiaries (Brazil, China, Germany, and Italy). It offers both products and associated services, targeted for the environmental, building, industrial and defence markets, relying on a strategy aiming at improving the quality of life and preventing risks. 01dB-Metravib produces measuring instruments (sound level meters, dosimeters, data recorders and analysers), and has the capacity of meeting the very technical requirements of its customers, as well as creating unique applications. Its engineers' know-how is always challenged by the customers' requirements for accuracy and details. A strong research and development policy, engineering activities, as well as close collaboration with academic and industrial laboratories, have allowed 01dB-Metravib to set itself at the leading edge of technology and innovation. Current French and European regulations relative to noise are very strict. Only selected noise measuring instruments only have been approved by local authorities (European Commission and French organisations). Measuring instruments by 01dB-Metravib are sometimes thus the only valid instruments for professionals performing statutory measurements. Over the years, 01dB-Metravib has built a network of over 40 distributors worldwide, which makes it present on all continents. 01dB-Metravib's very own know-how, expertise and skills, such as proximity and customised solutions represent the specificity of its offer. A bureau has just opened in Beijing, China, to handle all demands from Asia and to be - geographically - closer to the customers. The company also has a strong presence in France, through 6 sites in addition of its head offices in Lyon.

With a sales revenue of 40.1 million euros, among which 49% originating from international sales and 10% devoted to R&D, and 335 collaborators (50% engineers), 01dB-Metravib has established itself as a major role player on the international market.

## 01dB-Metravib



BARRISOL stretched ceiling systems have been introduced more than 40 years ago. The system can be used for ceiling and wall coverings, 3D elements and virtually any shape that can be imagined. A set of translucent materials allows the use of BARRISOL as a light device. BARRISOL offers more than 250 colours and finishes. The unique and patented track system opens wide possibilities to architects and designers. One of the latest innovations has been the application of micro-perforation to the foil making it highly sound absorptive. All classical advantages of BARRISOL can be combined with the microperforation – an example: sound absorbing day-light ceilings or light emitting sound absorbers are possible and aleady applied in numerous projects. BARRISOL overs the full range of services from first concepts to detailed plannung support and installations. BARRISOL is represented in more than 80 countries of the world.

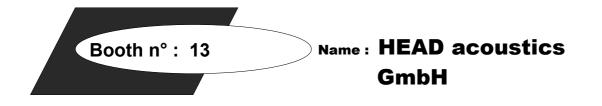


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Name of Contact : Jean-Marc SCHERRER

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Sound engineering, environmental acoustics, S&V measurements, analysis, playback, evaluation and simulation – HEAD acoustics GmbH offers comprehensive solutions for about any field of application, be it automotive, telecommunication, household appliance or IT.

With its products and services, HEAD acoustics effectively copes with all tasks concerning sound and vibration analysis ranging from recording with multi-channel systems or the artificial head to analysing and identifying disturbing sound components with the analysis software ArtemiS and to achieving accurate digital reproduction. All systems are designed for easy integration.

Our company has expanded from the base of binaural products offering multi-channel analysers and psychoacoustics work stations to handle virtually any noise and vibration test requirement. Thanks to high performing and integrated hardware and software components, our systems can easily be configured to meet individual needs. Learn about our latest product developments. You will be pleasantly surprised. Come and see for yourself at our booth no. 13.



Website address : http://www.head-acoustics.de/eng/index.htm

Name of Contact : Christian KROHN, Sales Manager e-mail : christian.krohn@head-acoustics.de



- Müller-BBM Group
   The Müller-BBM Group consists of several consulting engineerig companies and firms producing software and other specialized technical products with 380 employees.
- **Müller-BBM VibroAkustik Systeme GmbH** develops multi-channel measurement technology and provides solutions for any application involving measurement of vibration and acoustic signals. The main product, PAK, is an all-modular platform consisting of a front end series and the corresponding software Vehicle manufacture's and suppliers, as well as the aeronautics and space industry, have been using the system to collect, analyze and evaluate dynamic data.
- Müller-BBM GmbH is the original foundation block of the Group. Today, it is a technical consulting company with 250 employees at nine different sites in Germany and a broad international customer base with its independent consultants, planners and technical specialists, Müller-BBM GmbH has been providing expert consultation and advice to its clients since 1962 and today holds a leading position in the areas of buildings, environment and technology.

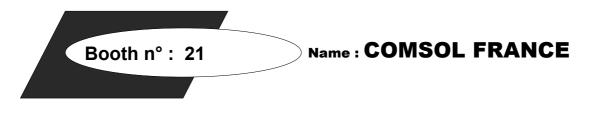


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The Acoustics Module and COMSOL Multiphysics®

Easy-to-use interfaces provide the tools to model acoustic wave propagation in air, water, other fluids and even solids. It is designed specifically for those who work in classical acoustics with devices that produce, measure, and utilize acoustic waves. Just a few application areas from the audio industry include speakers, microphones and hearing aids, while those for noise control can address muffler design, sound barriers, and building acoustics. Coupled to COMSOL Multiphysics®, its general multiphysics ability enhances classical acoustics with further accuracy, for instance in acoustics-structure interaction or aero acoustics.

Among application examples : Acoustic-structure interaction, Aero acoustic propagation, Hearing aids, Loudspeaker and microphone design, Medical ultrasound and tissue-response simulation, MEMS acoustics sensors, Noise and vibration characterization of machinery, Noise reduction measures, construction material, insulation design, Piezoelectric transducers, Reactive and absorptive mufflers. Non-destructive testing, Sonar response simulation and design, Sound-environment simulation, Teaching acoustics...

Website address : http://www.comsol.fr/	
Name of Contact : Oumnia SQUALLI	e-mail : info@comsol.fr
Booth n° : 22	Name : <b>POLYTEC</b>
For more than 30 year in France, Polytec is pa	artner of Industry, Science & Military applications.
Our solutions : Optical Measurement Systems	

Vibration

Speed & length

Topography

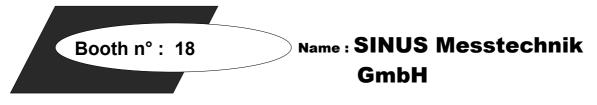
Precise, fast, reliable & efficient solutions from Polytec.



Website address : http://www.polytec.com/

Name of Contact : Mr BONFIL, Resp. Dpt of optical system measurement e-mail : fabonfil@polytec.fr

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SINUS Messtechnik GmbH offers a complete range of measuring instruments for acoustics and vibration :

Sensors : Sound level meters :	Measuring microphones, accelerometers, rpm-sensors from basic to sophisticated instruments		
PC-based measuring sys Soundbook ™	tems for acoustics and vibration - 2, 4 or 8 measurement channels (DC 40kHz) + tacho + service channels		
HARMONIE™	<ul> <li>Alternative software : SMT, ME'scope VES, AFD, si++, Artemis</li> <li>2, 4 or 8 measurement channels like Soundbook but for external PC</li> <li>Software compatible with Soundbook</li> </ul>		
NoiseLOG™	- 1 8 channel monitoring station for noise / vibration + weather data - Software compatible with Soundbook		
Hurricane™	<ul> <li>- 16 128 channel modular front-end for PC, DC 20kHz</li> <li>- portable, powerful and cost-efficient</li> <li>- 32 channel measuring system under Windows<sup>XP</sup>, DC 40 kHz</li> <li>- portable, powerful, compact</li> </ul>		
	SINUS		

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Name of Contact : David MACKENZIE, International sales coordinator e-mail : saes@sinusmess.de



Wölfel offers a range of products and services in environmental noise/noise mapping, industrial hygiene/ occupational health and industrial noise assessment. IMMI is a noise mapping software for road traffic, railway traffic, air traffic and industrial/recreational/commercial noise, fully compliant with EU Directive 2002/49/EC and all major calculation methods. EVEC is an integrated whole-body vibration sensor compliant with EU Directive 2002/44/EC and ISO 2631. SENSOUND is an acoustic holography measurement system using microphone arrays in the near-field of the source and advanced algorithms to produce three-dimensional images of the emitted sound. Related services ranging from training to actual studies can be provided for all these products. Wölfel is active world-wide, with emphasis on Europe and a growing activity in Asia. Markets are: noise & vibration, noise prediction, noise mapping, environmental consulting, noise abatement planning, environmental impact studies. Customers include industry, consulting engineers, planners, authorities, industry (all branches), universities & research centres.



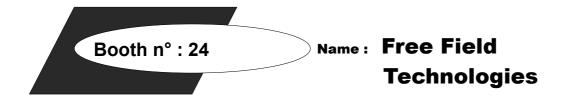
Messtechnik GmbH

 Website address : http://www.woelfel.de/

 Name of Contact : Ilse GERCKENS, Secretary

 e-mail : wms.international@woelfel.de

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Free Field Technologies S.A. (FFT) develops and supports the ACTRAN software suite for acoustic, vibro-acoustic and aero-acoustic modelling.

Free Field Technologies offers a large range or professional services including consulting, training and technology transfer or specific developments.

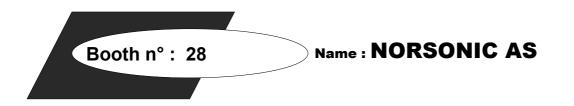
Free Field Technologies is also involved in multiple research programs in acoustics, aero-acoustics, vibroacoustics, high-performance computing etc.



Website address : http://www.fft.be/

Name of Contact : Stéphane LAROCHE

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Norsonic AS has more than 40 years experience as a premium supplier of innovative instrumentation. Our product range contains a variety of solutions from small handheld sound level meters designed to measure noise at the workplace, to sophisticated systems for building acoustics or environmental noise evaluation.

At our booth no.28 we will show you our most popular products such as the advanced multipurpose Nor140 Sound Analyser and the new lightweight Nor277 Tapping Machine with an on-board hammer speed test feature. Additionally, we will demonstrate the latest version of our flexible multistation NorMonit 3.0 environmental monitoring software system.

For the first time, we will display our products within our brad new human vibration product range : The small unique *HealthVib* Vibration Dosemeter, and the Nor133 & Nor136 Human Vibration Meters with three respectively six measurement channels.



 Website address : http://www.fft.be/

 Name of Contact : Svein Arne NORDBY, Booth Chairman

 e-mail : sanordby@norsonic.com

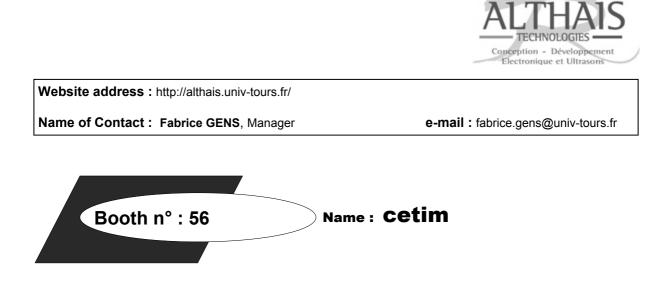
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The University of Tours (France) has a specific service managing its industrial and commercial activities. All activities entering within the framework of transfer of technology are materialized by University Centers of Expertise and Transfer (CETU) appearing themselves as an internal structure having a strong functional autonomy and having its own human and material resources.

Althaïs Technologies is a center specialized in ultrasonic engineering and structured as an engineering department and gathers skills in analogy and digital electronics, industrial computing and mechanics. All the steps required to making of a prototype fully dedicated to a given application can then be considered from feasibility study until the realization and the integration of the prototype and its tests on customer's site

This center has a strong experience in prototyping of innovation ultrasonic application for medical and industry, in particular within the framework of Research/industry partnerships (European projects, French ANR projects...)



Cetim, Technical centre for mechanical industry was purposely created in 1965.

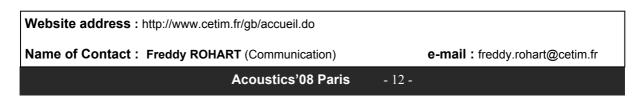
**A mission**: to help develop research, increase productivity and guarantee quality in the mechanical industry and, on a more general level, in technical progress in the concerned sectors.

Turnover: €90 millions including 65% from collective mechanical R&D, 35% from sales of technical services

Descriptive sheet: 750 people, 56% engineers. An organisation centred on 12 activity centres

Participation recorded in 35 R&D contracts within the framework of EU programs.

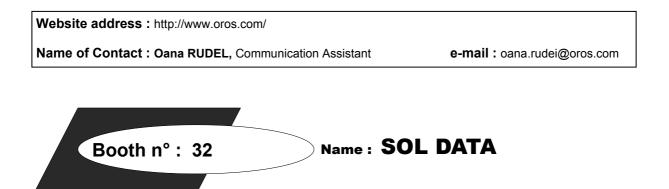






**OROS** is a world leader in Noise & Vibration Analyzers with its OROS 3-Series multianalyzers and the NV solutions range comprising sound quality, sound mapping and acoustic intensity. The innovative OROS 3-Series analyzers are used daily by automotive companies for NVH analyses. Syncronized order tracking, color spectograms and modal analysis are a few of the analysis tools available to the specialists using the OROS instruments. From 2-32 channels, OROS systems are fast to analyze, easy to learn and a cinch to customize.





Within the Sol Data group, Sol Data AV provides high performance acoustic and vibratory measurement methods in order to map, assess and control acoustic and vibratory pollution.

Sol Data AV gathers acousticians and vibration specialists who bring their expertise for the interpretation, the presentation and the explanation of acoustic, vibratory or seismic measurements.



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 Name of Contact : Olivia AYERE-FERRER (Marketing & Com.)
 e-mail : olivia.ayere-ferrer@soldata.fr

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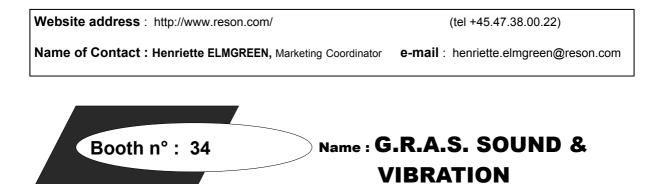


RESON has designed a line of high-power transducers and precision reference hydrophones for underwater, industrial, and military applications. Covering frequencies from 0.1Hz to the MHz band, these instruments are individually calibrated. RESON provides calibrations consistent with national standards established at the National Physical Laboratory, UK.

Our underwater acoustic transducers are used for transmission and reception of sound. Typical application areas are in communication, navigation, positioning and echosounding. Our transducers are also used for industrial and oceanographic applications such as measurements of waterflow, water level, watercurrent, vessel speed and sound velocity.

Our reference hydrophones are designed for precision underwater acoustic measurements and signal detection and/or calibrated reference acoustic projection. Our hydrophones are internationally trusted for various reference measurements in scientific research, navy, and environmental monitoring. Further, they are used in industrial and commercial products and for process control.





G.R.A.S. Sound & Vibration's standard range of products covers all front-end equipment from the transducer to the input of the acquisition equipment. All designed and manufactured in accordance with international standards needed for the precise and reliable measurement and mapping of acoustic signals.

G.R.A.S. Sound & Vibration also offers customized acoustical solutions within the field of aerospace, automotive, audiology, consumer electronics, noise monitoring, building acoustics, telecommunications and microphone calibration.

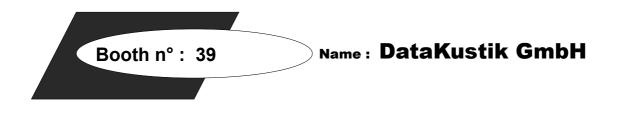


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Name of Contact : A.M. BECH (Sales & Marketing)

e-mail: amb@gras.dk

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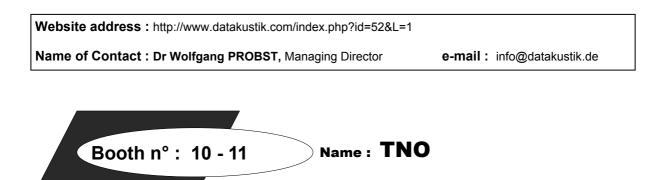


DataKustik GmbH is a leading developer of software for the prediction of noise and air pollution located in Greifenberg, Germany. The company was founded 1988 as a spin-off of ACCON GmbH, a consultants office for sound and vibration, that has been developing and applying software for noise propagation since the early 1980s.

The distributed software for calculation and prediction of environmental noise, interior noise and air pollutants as well as for building acoustics are of outstanding quality with respect to user-friendliness and scientific—technical content.

The programs can be switched to different languages and calculation methods and are applied all over the world. CadnaA is the powerful software for calculation, presentation, assessment and prediction of environmental noise. CadnaR is the powerful software to calculate noise inside rooms, especially for the prediction of noise at work. BASTIAN is the software to calculate airborne and impact sound transmission between rooms in buildings and the airborne sound transmission from the exterior.





TNO is the Netherlands Organization for Applied Scientific Research with 5000 employees, covering numerous fields of expertise. As an independent R&D organization, TNO transforms knowledge into practical applications, contributing to the innovative capacity of business, both at home and abroad, as well as social and international organizations. TNO focuses on future knowledge themes in research programs and provides licences to some 700 inventions in its patents portfolio. TNO provides contract research, consultancy and testing for industry, authorities and organizations, including development and certification of products and systems, measurement techniques and procedures and policy and evaluation studies. Acoustics is one of expertise fields at TNO, including environmental noise modeling and control of road, railway, aircraft and industrial noise, measurement and monitoring, product improvement at the source, perception, speech and hearing, defense applications, active noise and vibration control, ground vibrations and architectural acoustics.



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e-mail: michael.dittrich@tno.nl

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CIPRIAN designs and build non-destructive testing instruments and tools. Technologies used in our products include generation, measurement and interpretation of different kind of waves: acoustics, optics or radar.

Among other products developed by CIPRIAN two tools can be outlined:

- a wide-band high power amplifier for driving acoustical and ultrasonic transducers;

- a low-noise amplifier for measurement of acoustical and ultrasonic signals.

CIPRIAN develops too custom systems for specific applications.



 Website address : http://www.ciprian.com/

 Name of Contact : Julien LOPEZ-RIOS, Manager

 e-mail : julien.lopezrios@ciprian.com

 Booth n° : 12

 Name : SVANTEK

SVANTEK is a Polish company established in 1990. We design and manufacture a professional instrumentation for sound & vibration measurement and analysis. Our goal is to manufacture the best quality and the highest performance products at the best price. In 2006 the new generation of portable instruments - SVAN 95x series - has been introduced.

Its features are the larger display, USB Host (memory capacity up to 4 GB), extended logger and time domain signal recorder. The SVAN 958 instrument has become our best selling product. This instrument, thanks to its exceptional features like the four channels 20 kHz band time-domain signal recording parallel to the frequency analysis, is the best choice for applications like Human Vibration measurements, general acoustic and vibration measurements including environmental and building monitoring. SV 102 dual-channel acoustic dosimeter and SV 100 Whole-Body dosimeter present completely new approach to occupational health and safety monitoring task.





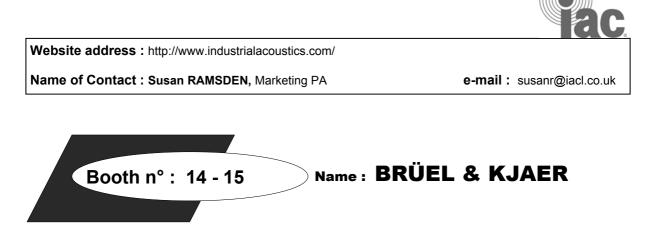


Founded in 1949, IAC has become the world's largest provider of noise and acoustic conrol products, structures and test facilities.

Employing over 500 people in the IAC Group, IAC's large and diverse product range includes everything from multi-engine test cells and hush houses to TV and radio studios, audiology rooms, enclosures for noisy machinery, road barriers, anechoic test rooms, acoustic doors and windows, air handling units (AHUs), air conditioning and power plant silencers and intake/exhaust systems for warships and luxyry ferries. IAC even supplies rooms to schools for music practice and to the police for interviewing crime suspects.

IAC is an experienced and enthusiastic exporter, supplying equipment to over 50 countries throughout the Americas, Europe, Africa, the Middle East and Pacific Rim, with manufacturing plants on four separate sites in the UK, France, Denmark and USA. IAC's Global Headquarters are located in Winchester, UK, approximately 100 km (70 miles) from London.

In addition to the facilities directly operated by the company, IAC has manufacturing partners in low-labour-cost countries in Eastern Europe and China. IAC also has a large network of technical sales engineers, agents and distributors, offering advice and assistance to customers around the world. Several o these manufacture IAC products under license.



Brüel & Kjaer is a world leading manufacturer and supplier of sound and vibration solutions. We help our customers solve their sound and vibration problems—from measuring traffic noise and vibration in car engines to evaluating building acoustics and performing quality control. We have customers in a wide range of fields, including automotive, aerospace, consumer goods and telecommunication or government agencies.

With over 3000 products and solutions for sound and vibration measurements, we deliver advanced technology with high quality. We cover the **whole measurement chain**—from a single transducer to a complete turnkey system including transducers & conditioning, system based solutions, environmental solutions and custom developed solutions. We also offer a full range of services for our products and solutions.

We have a large network in the world, with sales offices in 55 countries and more than 500 of our employees working within local sales, and support worldwide.



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Name of Contact : Natacha TARANTOLA

e-mail : natacha.tarantola@bksv.com

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SONOGAMMA delivers high-quality products for acoustic comfort. We offer a wide range of sound absorbing and diffusing materials for improved room acoustics, with your specific needs in mind. Along with a constantly growing standardisation and legislation imposing a modern acoustic comfort in buildings, the need for materials integrating both the acoustic and esthetical aspects increases. Classical solutions based upon foams and mineral wools all show serious shortcomings in contemporary architecture. Sonogamma set off searching for alternative materials. The result is a range of unobtrusive and efficient solutions such as fibreless materials for both indoor and outdoor use (CALME and POAL), microperforated panels in wood (MAKUSTIK MA 20) and translucent composites (MAKUSTIK MA 15), resonators and diffusors.

Materials are classified according to their absorptive or diffusive properties and tested in accordance with the most recent international standards. Sonogamma has won the "Décibel d'Or 2006" in Paris for best acoustic product CALME.

gamma Website address : http://www.sonogamma.com/frindex.html e-mail: info@sonogamma.com Booth n°: 55 Name : **RPG Europe** 

RPG Europe are the Official, Exclusive manufacturers and distributors of GENUINE RPG Diffusor Systems, Inc for the Uk and Europe. We provide Bass Tools, Absorbing panels and Diffusors for all types of acoustic application, from National Auditoriums to Private recording areas.

No other company has such a large, varied range of Acoustic products. We also provide project assistance to Architects, Designers and Acousticians. All our products are made to order in the UK, and many can be made to custom sizes and finishes to suit the design and specification of the project.

Dr Peter d'Antonio, founder and CEO of RPG Diffusor Systems Inc., will be holding presentations at posted times. Come and see us on stand 55, see some product examples and pick up an information pack.



Website address : http://www.rpgeurope.com/

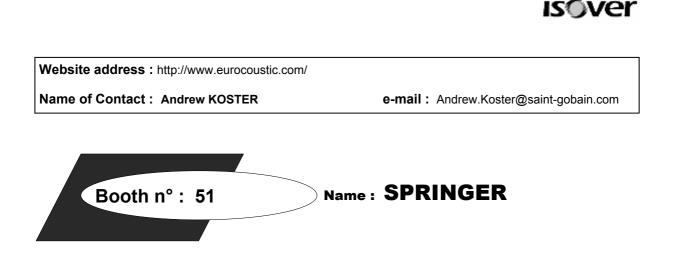
Name of Contact : Mattew MOULE

e-mail : matt@rpgeurope.com

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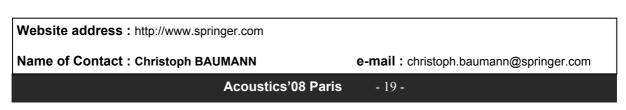
Saint-Gobain Insulation creates efficient insulation solutions to provide safe comfort for users and to help protect the environment.



Springer is one of the world-leaders in Engineering book publishing, boasting a broad range of subject matter, and a history of working with the most prestigious scholars in the field. Additionally, Springer publishes an astute collection of Journals, with a track record of generating the latest sought after content, including the Journal of Materials Science, Analog Integrated Circuits and Signal Processing, and Experiments in Fluids. And to provide easy access, we have made over 170 of our journals available through our online subject collection. For additional information about all our engineering publications, please stop by our booth, or visit us at Springer.com.



eurocoustic



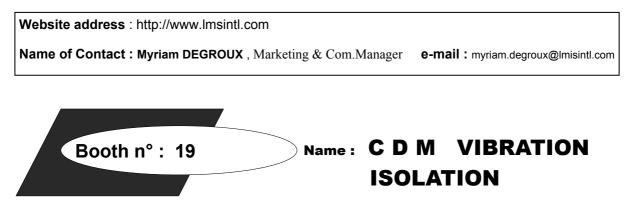


advanced manufacturing industries. LMS enables its customers to get better products faster to market, and to turn superior process efficiency to their strategic competitive advantage. LMS delivers a unique combination of virtual simulation software, testing systems, and engineering services. We are focused on the mission critical performance attributes in key manufacturing industries, including structural integrity, handling, safety, reliability, comfort and sound quality. Through our technology, people and over 25 years of experience, LMS has become the partner of choice for most of the leading discrete manufacturing companies worldwide.

For more information on LMS, visit the company's web site at <u>www.lmsintl.com</u>. LMS products: LMS Virtual.Lab Acoustics, LMS Test.Lab, LMS Test.Xpress.

LMS France / 7Bis Burospace / 91571 BIEVRES / Tel +33 1 69 35 19 33 / Fax +33 1 69 35 19 45





CDM is specialized since 1951 in the design, production and implementation of noise and vibration isolation systems. CDM is active worldwide in the segments building, industry and railway infrastructure (track). A multifunctional engineering team is continuously in search of the most economical way to isolate noise and vibrations. This is done in relation to the project requirements and related budgets. Regarding the design, CDM is not bond in its choice of materials, which creates a state of independency with respect to the proposed solutions. CDM Building:

Building base isolation (springs, elastomers, spring boxes, ...)
Floating floor systems (springs, elastomeric pads, continuous floor layers, ...)
Wall and ceiling fixation systems
Strips for structural decoupling
CDM Industry:
Floating floor systems
Machine fixation systems
HVAC fixation systems
CDM Track:
Level 1: under rail pads, ...
Level 2: under sleeper pads, direct fasteners, ...
Level 3: floating track beds, ballast mats...
Embedded Rail Systems: jackets, ...



Website address : http://www.cdm.be/

Prefabricated systems – Prefarails

Name of Contact : Els UVYN, Managing Director

e-mail : els.uvyn@cdm.be

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Research and development - Characterizations and testings - engeneering in 3 fields of competences. Polymers and surfaces for industrial or medical applications.

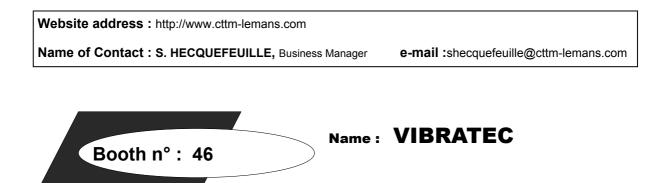
Process engineering: Digitalization, structural analysis, rheology and rapid prototyping.

Acoustics and vibrations :

We propose acoustic materials characterisation, simulation and optimisation. We also realize vibroacoustics, aeroacoustics ou electroacoustics studies.

We are experienced in development and design of innovating test benches or dedicated measuring instruments. Some of them will be demonstrated on our Booth and described in conferences.





Since over 20 years VIBRATEC has built up abroad experience in Acoustics and Vibration : measurement and calculation are combined into a rigorous global approach to meet the client's needs.

A leader in its field ; VIBRATEC is certified ISO 9001. VIBRATEC has a wide field of investigation, its activities extending not only across France, but also abroad witch represents 20 % of its turnover. A whole range of services :

- Consulting - Design Assistance (predictive computations) - tests, measurement & mechanical parameter characterisation - on site diagnosis - Research & Development - Transfer of know-how (training). Our fields of investigation, every sector of industry : - Transport (Rail, Car, Trucks....) - Space & Aeronautic - Electrical Energy - Petroleum - Mechanical Construction ...



Website address : http://www.vibratec.fr

Name of Contact : Agnès SICARD, Marketing Assistant

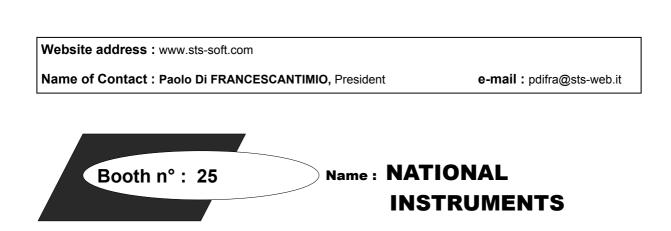
e-mail :agnes.sicard@vibratec.fr

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STS is a young and dynamic company that develop state of the art software tools for acoustics-vibroacoustics and aeroacoustics.

The main product is vnoise a new generation BEM solver that combine maximum flexibility and power with an intuitive and friendly user environment.



NI empowers customers with off-the-shelf software such as NI LabVIEW and modular cost-effective hardware and sells to a broad base of more than 25,000 different companies worldwide each year.

NI provides hardware and software products to build customized sound and vibration measurement and analysis systems. NI hardware products for sound and vibration applications are available on PXI, PCI and USB platforms. If offers solutions for a few to high-count channels with optional synchronisation through GPS. These solutions are ideal for the NVH (noise, vibration, and harshness), machine condition monitoring, and audio tests.







Odeon is the name of the room acoustic simulation software that has been developed at the Technical University of Denmark for more than twenty years. The amazing speed of calculation and the extremely flexible handling of results are demonstrated at the stand. Odeon is the state-of-the-art for acoustic simulations in large 3D models, which can easily be imported either in the dxf—or 3ds-format. For small and medium size rooms like classrooms Odeon is an unparalleled acoustic design tool. Visit our stand for a demo of the handling of loudspeakers, the CLF support and the line-array modelling. Auralization can be almost real-time with the streaming convolution, or you can set up a multi-channel auralization with many independent sound sources, and the result can be presented through a multi-channel surround system or binaurally through headphones, as desired.

 Website address : http://www.odeon.dk/

 Name of Contact : Jens HOLGER RINDEL, Managing Director

 e-mail : jhr@odeon.dk

 Booth n° : 57

 Name : PIEZO INSTITUTE

The Piezo Institute is the European Institute of Piezoelectric Materials & Devices.

It is the European contre of expertise and resources on piezoelectricity and its applications.

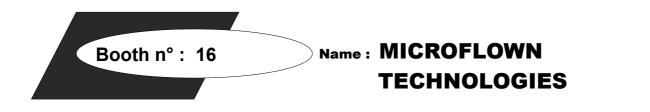
Its ressources include over 150 scientists and engineers as well as dedicated equipment for manufacture, characterisation device design and fabrication.



 Website address : http://www.piezoinstitute.com/

 Name of Contact : Marc LETHIECQ, Scientific & Technical co-ordinator
 e-mail : lethiecq@univ-tours.fr

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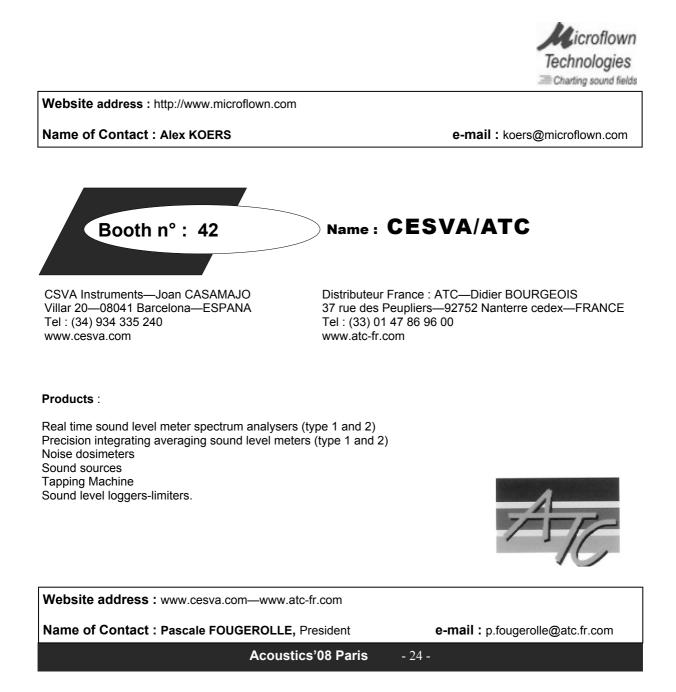


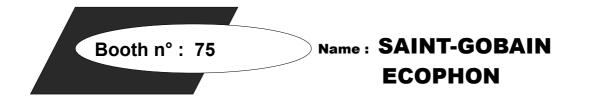
Based upon its patented MEMS technology based acoustic particle velocity sensor, Microflown Technologies develops and market novel and technically superior testing methods for the global automotive and aerospace industry.

The product range includes scanning probes (for the non contact measurement of vibrations), 1 and 3 D sound intensity probes, volume velocity sources and scan & listen modules.

Various applications for cabin interior testing methods are presented, e.g. a scattered array for fast and broad cabin panel noise contribution analysis without the need to apply damping foam and a hand held array used as a real time acoustic camera with high dynamic range and spatial resolution.

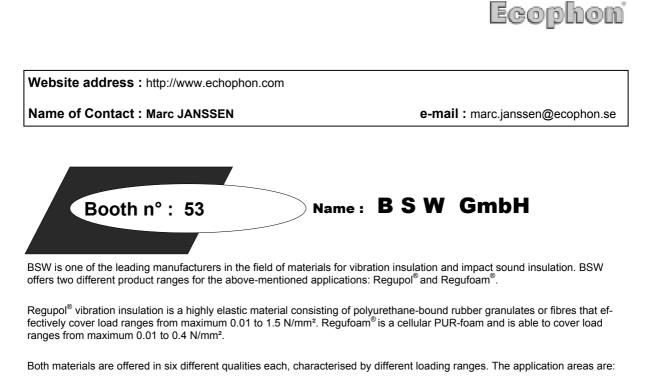
Single probe solutions include the non contact measurement of structural vibrations, the PU in situ surface impedance methods, the scan & listen module to make vibration modes audible.





"Our mission is to contribute to a good working environment for the eye, the ear and the mind" Ecophon develops, manufactures and markets acoustic ceilings and acoustic solutions that meet the increasing demands on a good sound environment where people work and communicate – offices, teaching premises, healthcare premises, industrial premises etc.

The Ecophon Group has a turnover of SEK 1.5 billion and has 650 employees. Our products and systems are sold all over the world via 13 sales companies and 30 distributors. We are part of the global group Saint-Gobain, which is one of the world's hundred leading industrial companies. Ecophon's head office is in Hyllinge in the south of Sweden.

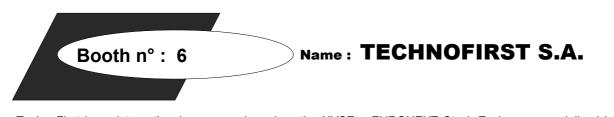


Foundations of large buildings, rail and tunnel constructions, machine foundations, heavily loaded storage facilities and industrial flooring, helicopter landing pads on tower blocks, bridge constructions and many more.

Furthermore BSW offers other Regupol<sup>®</sup> designed for impact sound insulation under screed floors and under all kinds of floor coverings. Detailed information on BSW's products can be found at www.berleburger.de or www.regupol.fr



Website address : http://www.berleburger.de	
Name of Contact : Steffen BLECHER, Sales	e-mail : s.blecher@berleburger.de
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TechnoFirst is an international company, based on the NYSE – EURONEXT Stock Exchange, specialised in Active, Passive and Hybrid technologies to control, reduce and cancel Noise and Vibrations. TechnoFirst develops and industrialises innovative products and solutions for the treatment of the deep low frequencies – especially where traditional products are non relevant – to protect against environment annoyance, increase the work efficiency and reduce the fatigue in noisy environment. TechnoFirst range product Hearing protection with Active Noise Reduction; Active Silencer for heating, ventilation and air conditioning systems (inlets and outlets); Wideband reactive absorbing panel; Active Noise Reduction of double glazing windows; Active Exhaust Silencer; Power Amplifier for Active Noise and Vibration Control; And many more.... References : EADS - THALES – RENAULT – BOUYGUES – LAFARGE – EMERSON -

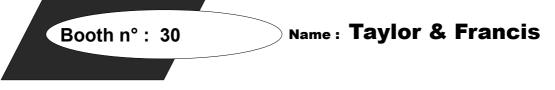
EADS - THALES - RENAULT - BOUYGUES - LAFARGE - EMERSON -SAINT GOBAIN - BOMBARDIER - DORNIER - SIEMENS - SNECMA -SNCF



 Website address : http://www.technofirst.com/

 Name of Contact : Thomas RICHTER, Product Manager

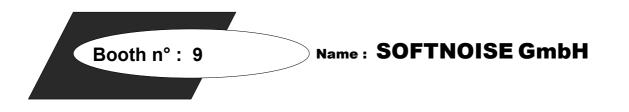
 e-mail : richter@technofirst.com



Taylor & Francis is one of the leading academic publishers in the world, with substantial operations near Oxford in the UK, and in New York, Philadelphia and Florida in the USA. Over 1,000 journals and 40,000 books - published under the main imprints of Taylor & Francis and Routledge - present the latest thinking in subjects as diverse as Earth Science and Cultural Studies. Taylor & Francis also includes the imprints of Garland Science and Psychology Press.







Softnoise GmbH is established in 2006 as a joint venture between the Dutch company DGMR Software bv and the German company Stapelfeldt Ingenieurgesellschaft mbH. Both companies develop commercial software products for noise and building physics and have been doing so for more than 25 years. The product Predictor by DGMR and Lima by Stapelfeldt are distributed worldwide by Brüel & Kjaer. The aim of Softnoise is to develop high quality and competitive software, by combining the knowledge of 2 experts n the field of environmental noise prediction software, and to provide information concerning their products to distributors and customers. Our website www.softnoise.com gives an overview of the products developed by DGMR and Stapelfeldt available for the international market.

Website address : http://www.softnoise.com	
Name of Contact : Erwin HARTOG VAN BANDA, Director	e-mail : ha@softnoise.com
Booth n° : 4 Name	ICC EUROPE B.V.

International Cellulose Corporation (ICC) in Houston Texas is the manufacturer of the Sonaspray K 13 acoustic products, made of environmentally healthy (green) recycled cellulose raw materials. Sonaspray K 13 is available in a variety of qualities, tailored to specific projects requirements. The very strong sound absorption performance of the Sonaspray K 13 range of products are effective in reducing noise and create comfortable acoustic environments.

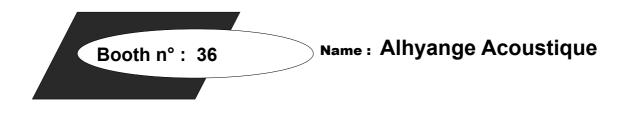
Sonaspray K 13 is a spray-applied material, and can be sprayed to virtually any surface configuration. It bonds well with wood, steel, concrete, glass, gypsum board and other regular construction surfaces.

In addition to it's outstanding acoustic properties, Sonaspray K 13 also provides thermal insulation. It gives protection to the original surface in case of fire and it's attractive texture makes Sonaspray an ideal final ceiling and/or wall finish.

ICC Europe b.v. a Dutch based company in Amstelveen, is a subsidiary company of ICC in Houston, providing commercial and technical service to European customers.



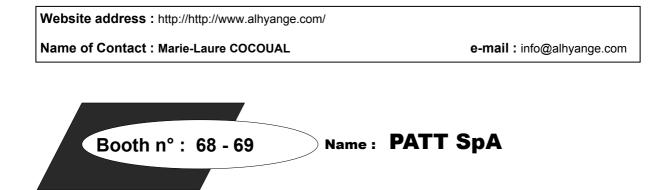
Website address : http://www.asona.nl/	
Name of Contact : Rimmer HYLKEMA	e-mail : rimmer@asona.nl
Acoustics'08 Paris	<b>s</b> - 27 -



The Alhyange acoustics engineering consultancy carries out acoustic studies and measurements in accordance with current standards and regulations in all sectors: industry, building & construction, environment, as well as research and development. Our dedication to supplying each of our clients with specific and effective results commits us to equipping ourselves with the very best materials and to staff your projects with acousticians applying all their know-how and experience at your service.

Bringing in an acoustical research firm from the beginning of a project allows full control of the acoustic solutions implemented and optimisation of the costs relating to the site's acoustic constraints. More over Alhyange places great importance on acoustic research and development so as to improve comfort levels and to further increase our know-how in the field. Our acoustics research department takes part in standards-setting committees. Furthermore, our OPQIBI qualification is a guarantee of the quality of our services.





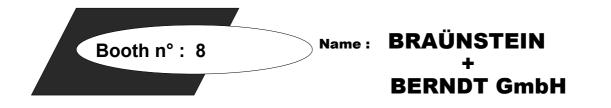
Established in 1990 in Attimis (Udine), Italy, Patt Spa is the Fantoni Group company which specialises in the production of pre-finished flooring and sound-absorption systems for public spaces and residential buildings. Backed by the know-how and synergies of the group, which itself produces all the components needed (Mdf, glues, melamine papers) in a vertical system, Patt's Acoustic Panelling division specialises in sound-deadening panels which improve the sound quality thanks to high acoustic performances and give every environment a touch of elegance: AP- Topakustik, the Stillwall modular panel system for panelling walls, Brickwall and the 60x60 and 60x120 one-module suspended ceilings. A new product of this range is Climacustic, an innovative system made of a sound-absorption panel joint to a radiant plate, combining therefore acoustics and air condi oning advantages.



Website address : http://www.pattspa.it Name of Contact : Mauro GASPARO

e-mail: m.gasparo@pattspa.it

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SoundPLAN is the leading noise and air pollution planning and mapping software for over 20 years. Use it to map and assess roads, railroads, airport, industry or leisure noise, for any size project. Outstanding features include the cost/benefit capabilities for noise barrier designs, extensive documentation features, and graphics that are stunning and easy to use. SoundPLAN is *the* complete, accurate solution for environmental assessments.

We know introduce SoundPLAN-essential, developed for the occasional user who may not have in-depth knowledge of acoustics and wants results in the smallest amount of time with the maximum amount of professionalism. It is a compact version of SoundPLAN, based on its calculation core and having its power, fast data processing the striking graphics. It is so easy to use, even engineers without special training for noise control will have no trouble using it. SoundPLAN essential allows standard cases to be processed quickly, efficiently and inexpensively.



Website address : http://www.soundplan.com/

Name of Contact : Jochen SCHAAL

e-mail : Jochen Schaal

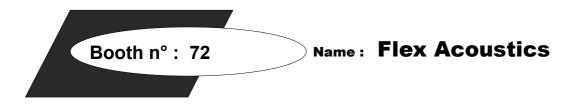


ACOUPHEN ENVIRONNEMENT is the leading French acoustic consultant company addressing industry and communities in France. The Company provides a global offer of expertise in noise assessment, modelling and mapping, action plans, training, project management, strategy and communication called Environmental Noise Management. It is addressed to industrial plants in all the main industrial fields (energy production and transport, petrochemicals, materials, automotive, pharmaceutical industries, clean-technologies...) and to communities. With a growth strategy based on a market share of 15 % in industry, 40 % in city noise mapping and a team of more than 20 persons in 2008, ACOUPHEN ENVIRONNEMENT is aiming at becoming a referent company in this field in Europe. Large international groups like TOTAL, GAMESA, ENDESA, LAFARGE, PFIZER and many urban areas like BRUXELLES, VAL DE MARNE, MARSEILLE, NICE, METZ... are already appreciating our expertise.

ACOUPHEN ENVIRONNEMENT
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MANAGEMENT DE L'ENVIRONNEMENT SONORE

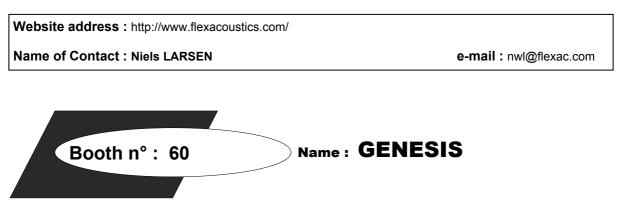
Website address : http://www.acouphen-environnement.com/			
Name of Contact : Jean-Michel MONDOT e-mail : jean-michel.mondot@acouphen-vironnement.com			
Acousti	<b>cs'08 Paris</b> - 29	<u>.</u>	



**Flex Acoustics** is a developer and provider of acoustic adjustment products for venues that present amplified music. The company has roots in the well-known Danish acoustical tradition and is situated in the research park at the Technical University of Denmark.

**Flex Acoustics** is responsible for some of the first ever research of recommendable acoustics for amplified music. These studies show that poor acoustics in pop and rock venues stem from a lack of bass absorption as most mid and high frequency sound is absorbed by audiences while the bass frequencies are amplified with several thousands watts. Based on its research, **Flex Acoustics** has developed two product lines that create a highly defined bass sound by absorbing low frequency sounds: The **AqFix**<sup>™</sup> absorbers for permanent installations and the **Aq-Flex**<sup>™</sup> products that are automated removable absorbers. Read more about us on www.flexacoustics.com and visit our booth.

))((Flex Acoustics)



French leader in high performance sound simulators, GENESIS designs and realises interactive audio simulators and 3D studio systems for Industry and Defence (Renault, PSA, Airbus, Eurocopter, Dassault, SNCF, DCNS...).

Using real-time audio synthesis and 3D sound recording & reproduction, GENESIS simulators accurately reproduce unrivalled realistic sound environments for research, design, training or marketing purposes.

GENESIS also offers its Sound Quality Expertise on the whole evaluation process: sound recording, 3D sound reproduction, signal analysis and processing, synthesis, evaluation of human perception, listening tests, statistical analysis and sound quality objectivization.

For acoustical analysis and sound design applications, GENESIS develops and commercializes LEA software.

Mainly based on Time-Frequency representations, LEA is a unique tool to perform the connection between physical characteristics of sounds and their auditory perception.

LEA can also be used as a recording and listening portable 3D studio to allow the 3D-reproduction of the original acoustical environment.

GENESIS was awarded the 2005 Industry Prize by the French Acoustical Society.



Website address : http://www.genesis.fr/english/soc.htm

Name of Contact : Patrick BOUSSARD

e-mail : patrick.boussard@genesis.fr

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Elsevier, publisher of Ultrasound in Medicine and Biology for the Word Federation for Ultrasound in Medicine and Biology, is dedicated to being your integral partner in delivering exceptional healthcare. Elsevier proudly publishes Mosby, Saunders, Churchill Livingstone, Butterworth-Heinemann, and Hanley & Belfus titles.

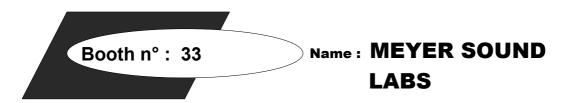
Elsevier. Building Insights. Breaking Boundaries.



Website address : http://www.elsevier.com

Name of Contact : Tracey LONG, Exhibits Coordinator

e-mail : t.long@elsevier.com



At Acoustics'08 Paris, the knowledgeable audio experts from Meyer Sound will be present at Stand 33 to meet with visitors and discuss the company's innovative audio solutions.

GRAMMY-winning classical music recording and live sound engineer and Meyer Sound Constellation Project Director John Pellowe will share his expertise about the company's groundbreaking variable acoustic technology. Installed at Spain's Laboral University Auditorium and other world-class multipurpose venues, Constellation electroacoustic architecture incorporates the physical acoustics of a space with powerful technology and expert services to create flexible acoustical environments. Constellation enables venues to provide optimal acoustics for any type of performance at the press of a button.

At 9:40AM on Friday July 4, Meyer Sound Staff Scientist Dr. Roger Schwenke will present the paper "Room acoustics measurements with an approximately spherical source of 120 drivers." Location details will be available on the Meyer Sound booth.

Berkeley, Calif.-based Meyer Sound Laboratories provides complete sound reinforcement and acoustic solutions. An innovator for over 29 years, Meyer Sound creates wholly integrated systems designed for optimal performance and ease of use.



Website address : http://www.meyersound.com

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The French Acoustical Society, SFA, is dedicated to regroup French speaking acousticians and help promote Acoustics by any action. Since its creation in 1948, SFA has been attached to develop the multidisciplinar character of acoustics, to ease the circulation of scientific and technical information and to favour contacts between research laboratories and entreprises. SFA as given itself various means to achieve its goals:

#### Promotion of acoustics at French, european and international levels:

Representation and defence of acoustician craftsmanship in front of various national entities. Keeping up the synergy between SFA. And other knowledgeable or technical French societies: AAAF, SFP, SHF, SFM, STF, SEE, SF Audiology, AFM,... Development of international relations.

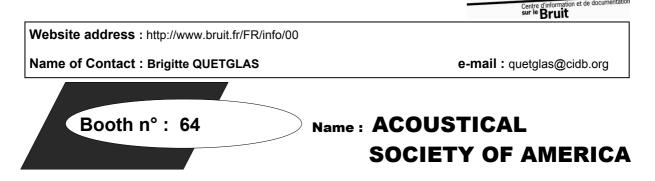
Website address : http://www.sfa.asso.fr

Name of Contact : Evelyne DEWAYSE

e-mail : sfa4@wanadoo.fr

#### Name : CIDB

The Centre for Noise Information and Documentation (CIDB, Centre d'Information et de Documentation sur le Bruit) is a non-profit organization established in 1978 by the Ministry of the Environment. This organisation brings together 2000 members from public and private sectors working in noise reduction. The CIDB provides information and documentation for each actor through: journals, library, website, directory, booklets, exhibitions, conferences, training courses...



The Acoustical Society of America (ASA) was established in 1929 to increase and diffuse the knowledge of acoustics and promote its practical application. Membership includes 7500 members residing in 70 countries. ASA publishes the Journal of the Acoustical Society of America—the world's leading journal in acoustics ; JASA Express Letters (online, open access) ; Proceedings of Meetings on Acoustics (online, open access) ; Acoustics Today magazine, ECHOES newsletters, books, CDs, and standards. These and other archival publications can be accessed through the ASA Digital Library at http://asadl.org/. ASA holds two meetings each year which include technical sessions covering all topics in acoustics, tutorial lectures, short courses, and special programs for students. ASA also sponsors symposia and workshops covering specific topics. Scholarships, grants, prizes, and fellowships are offered annually to students and established researchers. For information

about the Acoustical Society of America including membership and activities and programs, please visit http://asa.aip.org.

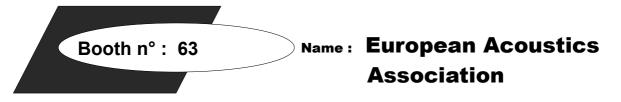


Website address : http://asa.aip.org

Name of Contact : Elaine MORAN, Office Manager

e-mail : elaine@aip.org

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The European Acoustics Association (EAA) is a non-profit entity established in 1992 primarily to promote and spread the science of acoustics, its technologies and applications throughout Europe and the entire world.

The EAA gathers 30 societies of acoustics and serves more than 9000 individual members all over Europe. EAA offers a range of products :

- ACTA ACUSTICA united with ACUSTICA
- International peer-reviewed journal on acoustics.
- NUNTIUS ACUSTICUS
- The "acoustic messenger" in Europe.
- INDEX
- Information on European acoustical societies and 
   individual members.
- DOCUMENTA ACUSTICA
- Literature distribution system on acoustics.
- FENESTRA
- Electronic window on acoustics.
- FORUM ACUSTICUM
- International Convention on acoustics.
- EURONOISE

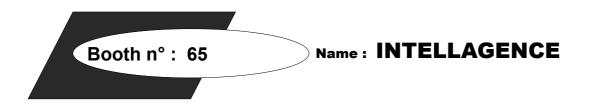
- Conference and Exhibition on noise control.
  SYMPOSIA
- Scientific meetings with a focus on specialized fields.
- SCHOLA
- Online platform for education in acoustics in Europe.
- TECHNICAL COMMITTEES
- Groups of members for activities in specialized fields.



Website address : http://www.eaa-fenestra.org/

www.european-acoustics.net

Name of Contact : Kristian JAMBROSIC, General Secretary of EAA e-mail : kristian.jambrosic@fer.hr



IntellAgence Technologies is specialized in online services that meet the requirements of the scientific community. Among this services, Conference Accelerator software improves the management of your scientific events. Moreover, IntellAgence Technologies proposes :

- Online Library for Research Program Manager
- Easy Patent Management Software
- Web 2.0 Social Tools
- Abstract and Proceeding Management software



Website address : http://conference.intellagence.eu/

Name of Contact : Nicolas RENUCCI

e-mail : contact@intellagence.eu

Acoustics'08 Paris - 33 -



The Oceanic Engineering Society (OES) of the Institute of Electrical and Electronics Engineers, Inc. (IEEE) seeks to advance the science and technology of Ocean Engineering. Its objectives are scientific, literary and educational in nature. The Society strives for the advancement of the theory and practice of electro-technology applied to the ocean environment not only by ocean engineers but also by individuals in allied branches of engineering and related arts and sciences. OES maintains a high level of professional standards among its members and affiliates and through them promotes technical excellence and actively encourages the exchange of information through conferences, meetings, workshops and publications. Stop by the OES booth to learn more about the many benefits of being an IEEE/OES member.



Website address : http://www.oceanicengineering.org/

Name of Contact : Elizabeth CREED, Chairman, IEEE/OES MembershipDevelopment



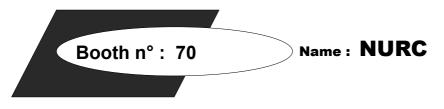
ICA2010 Sydney. The 20th International Congress on Acoustics is to be held right in the heart of Sydney, Australia from 23 to 27 August, 2010. This congress will bring together those working in all fields of acoustics to share their knowledge and experiences. The congress will comprise plenary papers, distinguished papers, contributed papers, posters and demonstrations and a technical exhibition. For further information www.ica2010sydney.org



Website address : http://www.ica2010sydney.org/

Name of Contact : Philip NELSON

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One of three research and technology organisations in NATO, NURC conducts world class maritime research in support of NATO's operational and transformation requirements.

Working together with NATO nations, we enable a level of research that is difficult to achieve by one nation acting independently. The Centre has the ability to conduct maritime and undersea research from concept formulation to validation at sea with its exceptional combination of expertise and steady rotation of staff from and to the Nations.

The Centre's research programme, updated annually in the form of its Scientific Program of Work (SPOW) reflects NATO operational and transformational requirements. NURC's research is currently focused on 4 thrust areas:

- Expeditionary Mine Countermeasures and Port Protection (EMP)
- Undersea Reconnaissance, Surveillance and Networks (RSN)
- Expeditionary Operations Support (EOS)
- Command and Operation Support (COS)

These activities are funded through NATO common funds and respond explicitly to NATO's common requirements.



FOR MARITIME

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