

Walter G. Mayer
Georgetown University
Washington, DC 20057



Philip Nelson

Philip Nelson appointed Deputy Vice-Chancellor of the University of Southampton

Professor Philip Nelson, Director of the University of Southampton's Institute of Sound and Vibration Research, has been appointed Deputy Vice-Chancellor of the University. A world expert in engineering acoustics, Professor Nelson has been the Director of the internationally renowned Institute of Sound and Vibration Research (ISVR) at Southampton since 2001. He began his five-year term as Deputy Vice-Chancellor on 1 September 2005 and will lead the University's efforts in research, enterprise, and human resources.

Heinrich Kuttruff awarded Rayleigh Medal of the Institute of Acoustics

Heinrich Kuttruff, Professor Emeritus of Technical Acoustics at the RWT Hochschule in Aachen in Germany, has joined a long line of prominent acousticians by receiving the Rayleigh Medal, the Institute of Acoustics' premier award.

The medal was presented to Professor Kuttruff by Dr. Tony Jones, President of the Institute of Acoustics, at

its recent Spring Conference on Building Acoustics. The award recognizes the more than 50 years of Heinrich Kuttruff's exceptional contribution to acoustics and, in particular, to the development of understanding of the behavior of sound in enclosed spaces and its interaction with reflecting, scattering, and diffusing bodies and surfaces. This was achieved by means of a substantial and systematic program of theoretical modeling and analysis supported by experimental measurement.

Heinrich Kuttruff has also made important contributions in the field of ultrasonics, both by research and through his book *Ultrasonics*, and he is the author of many other reputed publications, including his book *Room Acoustics*. The Rayleigh Medal is the Institute of Acoustics' premier award, awarded without regard to age to persons of undoubted renown for outstanding contributions to acoustics. It is normally presented to a UK acoustician in even numbered years and an overseas acoustician in odd numbered years. The medal is named after John William



Dr. Heinrich Kuttruff (on right) receives the Rayleigh Medal from Dr. Tony Jones, President of the Institute of Acoustics. (Photo courtesy of the Institute of Acoustics)



Dr. Michael Vorländer (on right) receives the R W B Stephens Medal from Dr. Tony Jones, President of the Institute of Acoustics. (Photo courtesy of the Institute of Acoustics)

Strutt, Third Baron Rayleigh (1842-1919), a very versatile physicist who conducted both experimental and theoretical research in virtually every branch of the subject. A graduate, Fellow, and eventually Chancellor of Cambridge University, he was a Fellow and President of the Royal Society. His book *The Theory of Sound* remains a landmark text in the development of acoustics.

Michael Vorländer receives R W B Stephens Medal

Professor Michael Vorländer, head of the Institute of Technical Acoustics at the RWTH Aachen University, is the 2005 winner of the Institute of Acoustics' prestigious R W B Stephens Medal.

The medal was presented to Professor Vorländer by Dr. Tony Jones, President of the Institute of Acoustics, at its recent Spring Conference on Building Acoustics. The award recognizes his outstanding contributions to teaching and research, as well as his leadership in acoustics.

Professor Vorländer's contributions include detailed investigations into room acoustical ray tracing models, maximum-length sequence reciprocity calibration of microphones in reverberation chambers, and the definition and

measurement of random incident scattering coefficients. His drive and enthusiasm in promoting acoustics throughout Europe contributes towards making him a worthy winner of the award. He is currently the President of the European Acoustics Association.

The R W B Stephens Medal was named after Dr. Ray Stephens, the first President of the Institute. His main interests lay in physical acoustics, but he is remembered by generations of students for his continuing work in education. The medal is awarded in odd numbered years for outstanding contributions to acoustics research or education.

Australian Acoustical Society hosts ACOUSTICS 2005

ACOUSTICS 2005, sponsored by the Australian Acoustical Society, will

be held 9–11 November 2005 in Busselton, Western Australia. The emphasis of the conference will be on practical applications of acoustical science and technology and practical solutions to acoustic problems. Topics will include: underwater (bioacoustics, propagation, sonar, and environmental impact); architectural acoustics; environmental noise; occupational health; and engineering noise control.

The conference will include technical sessions, a conference dinner, a workshop, and trade displays. Further information can be found at www.acoustics.asn.au/.

Reproduced Sound 21—“Feeding Back to the Future”

The Electroacoustics Group of the Institute of Acoustics is organizing the Reproduced Sound 21

Conference, which will take place in Oxford from 4–5 November.

The Institute of Acoustics' Reproduced Sound Conference, now in its twenty-first consecutive year, takes place at the Oxford Hotel in Wolvercote, Oxford. Reproduced Sound conferences represent the cutting edge of modern audio and acoustics. They are presented in an informal environment that allows consultants, manufacturers, contractors, and end users to mingle and share insights and information. For further information regarding this event, please contact Linda Canty, Institute of Acoustics, tel: 01727 848195, or visit the Reproduced Sound 21 Web site at www.reproducedsound.co.uk.

International Meetings Calendar

Below are announcements of meetings and conferences to be held abroad. **AT**

October 2005

12–14 Acoustics Week in Canada, London, Ontario, Canada [Web: www.caa-aca.ca].

17–18 Wind Turbine Noise: Perspectives for Control, Berlin, Germany [G. Leventhall, 150 Craddocks Avenue, Ashted, Surrey KT21 1NL UK; fax: 144 1372 273 406; Web: www.windturbinenoise2005.org].

19–21 36th Spanish Congress on Acoustics Joint with 2005 Iberian Meeting on Acoustics, Terrassa, (Barcelona), Spain [Sociedad Española de Acústica, Serrano 114, 28006 Madrid, Spain; fax: 134 914 117 651; Web: www.ia.csic.es/sea/index.html].

25–26 Autumn Conference 2005 of the UK Institute of Acoustics, Oxford, United Kingdom [Web: www.ioa.org.uk].

27–28 Autumn Meeting of the Acoustical Society of Switzerland, Aarau, Switzerland [Web: www.sga-ssa.ch].

November 2005

4–5 Reproduced Sound 21, Oxford, United Kingdom [Web: www.reproducedsound.co.uk, www.ioa.org.uk].

9–11 Australian Acoustical Society Conference on “Acoustics in a Changing Environment,” Busselton, WA, Australia [Web: www.acoustics.asn.au/divisions/2005-conference.php].

14–18 XVI Session of the Russian Acoustical Society, Moscow, Russia [Web: www.akin.ru].

December 2005

7–9 Symposium on the Acoustics of Poro-Elastic Materials, Lyon, France [fax: +33 4 72 04 70 41; Web: v0.intelligence.eu.com/sapem2005].

January 2006

5–7 First International Conference on Marine Hydrodynamics, Visakhapatnam, India [V.B. Rao, Naval Science and Technological Laboratory, Vigyan Nagar, Visakhapatnam-530 027, India; Web: www.mahy2006.com].

May 2006

15–19 IEEE International Conference on Acoustics, Speech, and Signal Processing, Toulouse, France [Web: icassp2006.org].

June 2006

5–6 6th European Conference on Noise Control (EURONOISE2006), Tampere, Finland [fax: +358 9 7206 4711; Web: www.acoustics.hut.fi/asf].

26–28 9th Western Pacific Acoustics Conference (WESPAC9), Seoul, Korea [Web: www.wespac9.org].

July 2006

3–7 13th International Congress on Sound and Vibration (ICSV13), Vienna, Austria [Web: www.icsv13.tuwien.ac.at].

17-19 9th International Conference on Recent Advances in Structural Dynamics, Southampton, United Kingdom [Web: www.isvr.soton.ac.uk/sd2006/].

September 2006

13-15 Autumn Meeting of the Acoustical Society of Japan, Kanazawa, Japan [Acoustical Society of Japan, Nakaura 5th-Bldg., 2-18-20 Sotokanda, Chiyoda-ku, Tokyo 101-0021, Japan; fax: 181 3 5256 1022; Web: www.asj.gr.jp/index-en.html].

July 2007

9-12 14th International Congress on Sound and Vibration ICSV14, Cairns, Australia [e-mail: n.kessissoglou@unsw.edu.au].

August 2007

27-31 Interspeech 2007, Antwerp, Belgium [e-mail: conf@isca-speech.org].

September 2007

2-7 19th International Congress on Acoustics ICA2007, Madrid, Spain [SEA, Serrano 144, 28006 Madrid, Spain; Web: www.ica2007madrid.org].

9-12 ICA Satellite Symposium on Musical Acoustics ISMA2007, Barcelona, Spain [SEA, Serano 144, 28006 Madrid, Spain; Web: www.ica2007madrid.org].

June 2008

29 Jun-4 Jul Joint Meeting of European Acoustical Association (EAA), Acoustical Society of America (ASA), and Acoustical Society of France (SFA), Paris, France [e-mail: phillipe.blanc-benon@ec-lyon.fr].

August 2010

TBA 20th International Congress on Acoustics ICA2010, Sydney, Australia [Web: www.acoustics.asn.au].

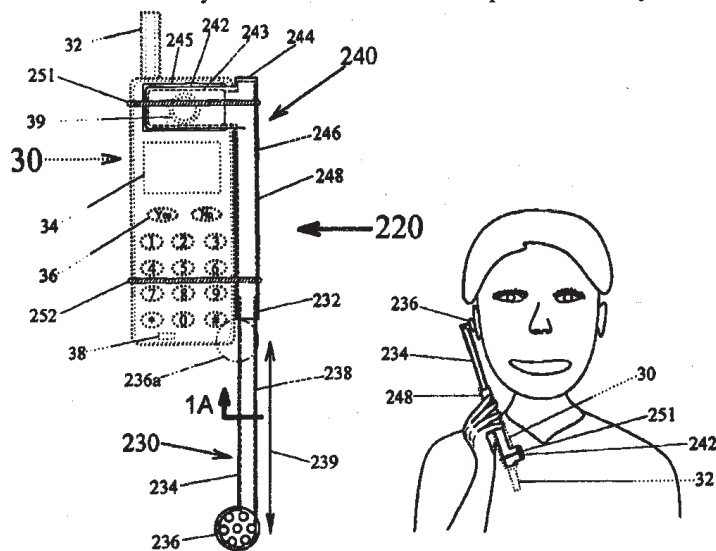
6,825,810

43.38.SI AUDIO EXTENSION FOR WIRELESS COMMUNICATION DEVICES

Gary Dean Ragner, Gainesville, Florida *et al.*

30 November 2004 (Class 343/700 MS); filed 12 December 2002

The health problems that may be due to the electromagnetic radiation emitted by cellular phones when these devices are in use have been reported in the media. The device described in the patent allows for the use of cellular phones at a distance from the user's head. As opposed to other solutions to mitigate this problem that try to shield the unit, this patent moves the unit away from a user's head. Loudspeaker assembly 220 is



attached, or is integral, to the phone 30, with a pickup over the cell phone's speaker feeding extension loudspeaker 239. In use, the phone is inverted so the cell phone's microphone stays near the mouth, while the cell phone itself, and the radiation emitted from same, is removed a bit from the user's head. The patent states that among the benefits of the invention, the radiation level at the head can be reduced by an order of magnitude.—NAS